

صدرِ رزمپ کا ایران کے

ساتھ مذاکرات کے لیے

اسٹیوڈیوٹکوف اور جیرڈ کشنر کو

پاکستان بھیجنے کا فیصلہ

واہٹن (مائٹزنگ ڈیک) امریکی صدر
ڈوئل ٹرپ نے (باقی صفحہ نمبر 2 پیجہ 1)

ایف آئی اے ہیڈ کوارٹرز میں خصوصی مالیاتی انٹیلی جنس یونٹ قائم کر دیا گیا

مفتوحہ شراذہ پشاور پوری ایسٹن نے ایس او پیج بھی جاری کر دیے گئے

یہ اندر تک یسٹری حقیقات اور پراسیکیوٹن کا نظام سرمدیہ فعال بنادیا گیا

کراچی (کرائم رپورٹر) مٹی لانڈرنگ | کھلاف ملک گیر (باقی صفحہ نمبر 2 پر)

باقاعدہ تصدیق شدہ اشاعت **ABC** CERTIFIED سندھ کا دوسرا سب سے بڑا اخبار

**ABC
CERTIFIED**

Daily QAUMI AKHBAR Karachi

کراچی (مانیٹرنگ



امریکا آیتنا۔

پہینا گون اس

اہداف میں

ٹرمپ کو جار

واشکستن (مانند)

بانی الیاس شاکر
روزنامہ
قومی اخبار
کراچی

یانی الیاس شاکر

روزنامه

سال 38 ہفتہ 07 ذیقعد 1447، 25 اپریل 2026 قیمت 20 روپے شمارہ نمبر 189

یونیورسٹی و دُنیا بننے کے سوال پر شرمندگی ہوتی ہے

کراچی کے مسافر

صرف رواں سال کراچی کیلئے 300 ارب روپے سے زائد کے ترقیاتی منصوبے مختص کئے

قیمتوں میں کھربوں

پٹرول 393 روپے 33 پیسے اور

علاقائی کشیدگی کی وجہ سے عالم

اسلام آباد (رپورٹ/ضیغم نقوی) حکومت
دفعہ پھر بڑا اضافہ کر دیا، پٹرول اور ڈیزل فی لیٹر 26
ڈیزل سے جاری نوٹیفکیشن کے مطابق حکومت

بھارتی وزیر دفاع معائنے کے
سب میرین میں پھنس گئے، وڈا

اسلام آباد (اے پی پی) بھارتی وزیر
نگہ ایک آبدوز میں داخل ہونے (باقی صفحہ)

DAILY EXPRESS



پاکستان کے 11 شہروں سے بیک وقت مشائع ہونے والا واحد اخبار

جلد 28، شمارہ 229 | ہفتہ 7 ذیقعد 1447ھ 25 اپریل 2026ء، صفحات 12 قیمت 40 روپے

ایئرپورٹ پر ڈالر اور صم منیر نے استقبال کیا عراقی کی شہر ہجرا

ایرانی وزیر خارجہ کی آمد

اسلام آباد، مسقط اور ماسکو کے دورے پر روانہ ہو رہا ہوں، مقصد شراکت دار ممالک کیساتھ دوج

ایرانیوں کا موقف براہ راست سننے کیلئے اسٹیوٹوکوف اور جیرڈ کشر ہفتے کی صبح پاکستان روانہ ہو گئے

تاجر تنظیم کا ایس ایس پی کو خراج تحسین

حیدرآباد (مقدمہ ایکسپریس) منع کرکٹل راجستھ، جنرل نیکریٹری نواب الدین قریشی اور دیگر ایسوسی ایشن فریڈ ایڈ انڈسٹری کے صدر اعجاز علی کی یہم کو فشیات فروشوں کے خلاف کارروائی کے اقدام کرنے پر خراج تحسین پیش کیا ہے

دفتر سپرنٹنڈنگ انجینئر
اسمال ڈیمز آرگنائزیشن سرکل، حیدرآباد

فون: 022-2633373 ای میل: se_sdo@hotmail.com

فیسر: SE/SDO/AB/301 حیدرآباد مورخہ: 14 مارچ 2026ء



التماس برائے پروپوزل (آر ایف پی) برائے انتخاب بابتہ سول انجینئرنگ کنسلٹنٹس

ماحولیاتی نظام پر مبنی موافقت (ای بی اے) اور 14 گرین انفراسٹرکچر (جی آئی) مداخلتوں کا نام:

اس سال ویزا سرکل سندھ حیدرآباد، اری کشین و بارمنت، حکومت سندھ نے ارادہ رکھنے والوں کو دھوکا دیا کہ وہ غیر ملکی اسٹڈی اور محکمہ کی کامیابیات کے نام موسم یہ "ماحولیاتی نظام پر عمل موافقت" (ای پی اے) اور 14 مارچ کو انفراسٹرکچر (جی آئی) ملاقاتوں کے لیے ویزا کی غیر ملکی تھمائی اور ماحولیاتی اور مقامی انتظامی منصوبوں کی تیار کی کی غیر ملکی اسٹڈی شروع کرنے کا کہا ہے، یہ منصوبہ "تنام" رجسٹرار پاکستان: بلڈنگ پاکستان سٹریٹس کو کھائیٹ پیج پیٹنٹ اور کھائیٹ پیج پیٹنٹ (EBA) اور دیگر انفراسٹرکچر (جی آئی) کے لیے اگلے بیڈ لڈ ریسک مینجمنٹ، سندھ (اری کشین کیونٹ، اس پی پی آئی آف مارچ 2010) (ترمیم شدہ 2019) کے تحت شروع کیا ہے۔ مشاورت کا دورانیہ 2 سالہ ہے/تعمیل کے مہینوں تک۔

سید (2019) کے تحت سرکس کیلئے سہولیات کا دورانیہ یہاں ہے۔ جس سے صحت کی۔

ہجری رکھنے والے معروف / سائنس / فرموں سے سہمہ سہیکل اور کاغذی نقل پر روزنامہ اخبارات کے لیے طلب کی جاتی ہیں۔ شرکت کرنے والی

ویں کی تجویز پختی کے دفتر سے ملے۔ 5000 روپے (واقعہ و ایسی دستاویزی کیس کی محکمہ کا کو) 11 مئی 2026 کو پاس سے نقل حاصل کر سکتے ہیں۔ سیکل اور کاغذی نقل پر روزنامہ اخبارات کے سہمہ کی جاتیں

تمام مطلوبہ دستاویزات کے ساتھ لازمی طور پر 12 مئی 2026 کو دوپہر 12:00 بجے (چار عدد نقل) پہنچانی جاتیں اور ایسی سہمہ 2:00 بجے ہی تاریخ پر فرم کے مقرر کردہ نمائندوں کی موجودگی کے بغیر پیش شدہ

انجینئر اسال ڈیزائنر سکل، سندھ حیدر آباد متصل SIDA ٹیکسٹریٹ ہراج کالونی، حیدر آباد میں ایس بی ای اے کے دفتر کی حلقہ نشینوں کے تحت کھولی جائے گی۔

ضوابط:

- 1- دود (02) سے زائد فرسوں پر مشتمل کنسورٹیم شرکت کا اہل نہیں ہوگا۔
- 2- فرہینٹی اسٹڈی انٹرنی برائے تعمیراتی سال میڈیم اور لارج ڈیجز کا وسیع تجربہ رکھنے والی فرم / کنسلٹنٹس شرکت کے لیے اہل ہوں گے اور ای کے مطابق ان کا انتخاب کیا جائے گا۔
- 3- ایسے کنسلٹنٹس جن کے پاس PEC کا ریجنل سرٹیفکیٹ برائے اختتامی سال کے لیے دسمبر 2026 میں ایلیکشن یا نوڈمبر 1205، صرف دو ہی مجوزہ کنسلٹنٹس سرورسز شرکت کے اہل ہوں گے۔
- 4- کنسلٹنٹ کو کم از کم ای ایس دو اپڈیٹڈ جاسول اسٹیشن سافٹ ویئر فار سلوپ اسٹیشن ایلیکٹرانکس، قانسٹریکٹو ایلیکٹرانکس، ایلیکٹرانکس، ایلیکٹرانکس اور HEC-HMS مع چلانے کے مکمل علم کے ساتھ تجربہ رکھنے والے ہوں۔
- 5- شرکت کے لیے کنسلٹنٹ کے پاس لازمی NIN سرٹیفکیٹ یا بتائے ای ایس آف نوڈمبر سرٹیفکیٹ برائے سال 2025-26 اور سندھ ریونیو بورڈ (ایس آر بی) کی رجسٹریشن کا حامل ہونا چاہیے۔
- 6- مشروط اور تاخیری درخواستیں زیر غور نہیں لائی جائیں گی۔
- 7- دلچسپی رکھنے والی فرم اگر آرائے ای ایس کی مطلوبہ بات کے مطابق مکمل معلومات فراہم نہیں کرتی تو یہ پروپوزل بطور عدم جواب دہندہ تصور ہوں گے۔
- 8- یہ پروپوزل ایکسپریس کا احتیاط ہے کہ وہ کوئی دہتا نہ بنے بغیر ایس بی بی آر اے رورڈ 2010 (ترمیم شدہ 2019) کی حفاظت دفعات کے تحت کوئی ایک یا تمام تکنیکی / قانسٹریکٹو پروپوزل کو قبول یا مسترد کرے گا۔ (سید علی شاہ) چیرمین

اسمال ڈیمز سرکل سندھ، جا

INF/KRY/1607/2026

I WORK FOR SINDH
www.iwork4sindh.com
JOB PORTAL BY
INFORMATION DEPARTMENT



سندھ پبلک سروس کمیشن ٹھنڈی سڑک، حیدرآباد

مجموعی اشتہار نمبر 03/2026 مورخہ 16.04.2026

مختلف محکموں، حکومت سندھ میں مختلف اسامیوں کیلئے آن لائن درخواستیں مط

آخری تاریخ کا انتظار نہ کریں، آج ہی آن لائن درخواست دیں۔

(ہاتھ سے لکھی گئی درخواستیں زیر غور نہیں لائی جائیں گی)

A. COLLEGE EDUCATION DEPARTMENT

TRIBUNE

THE EXPRESS

PARTNER OF
The New York Times

INTERNATIONAL EDITION

Saturday

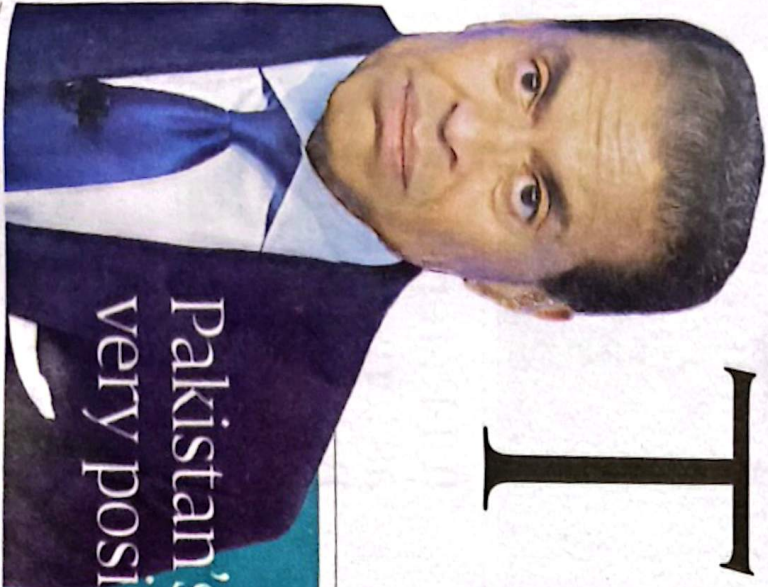
APRIL 25, 2026

ZIQA 'AD 7, 1447 A.H.

Rs60

tribune.com.pk

KARACHI



HIGHLY ENGAGING FACILITATOR

Pakistan's mediation has been
very positive and helpful

CNN Host Feroz Zakaria



HINDUTVA IDEOLOGY

RSS is trying to
capture Indian
institutions

during treatment, he was identified as 17-year-old Ali Haider. The accident was similarly caused by an unidentified vehicle. Further investigation is underway. OUR CORRESPONDENT

described the incident as a deviation, 849 affected shopkeepers Murad Ali Shah also announced that he was earlier given Rs500,000 the formation of a committee to review and implement recommendations of the



GOVERNMENT OF SINDH EDUCATION & LITERACY DEPARTMENT DIRECTORATE OF SCHOOL EDUCATION (PRIMARY) KARACHI REGION KARACHI NEAR APWA GOVT. GIRLS COLLEGE, KARIMABAD, KARACHI.

No. DSE/PRY/Admn-I/(4658-60)/2026

Ph: 021-99246094

Dated: 22-04-2026

FINAL SHOW CAUSE NOTICE

Whereas the following listed employees of School Education & Literacy Department, government of Sindh were issued Show Cause Notices & final Show Cause Notice. And whereas, they have not submitted their reply to the Show Cause Notice, nor they appeared before the committee for personal hearing.

I, therefore, by this Notice inform them that it is proposed to impose upon them major penalty Under Rule 4(1)(b) of the Sindh Civil Servants (Efficiency & Discipline) Rules, 1973.

The following listed employees are hereby called upon to submit reply within fourteen (14) days to the publication of this Notice in the Newspapers, as to why the above mentioned penalty should not be imposed on them for the misconduct committed by them. Failing which, ex parte decision will be taken against them under Sindh Civil Servants (Efficiency & Discipline) Rules, 1973.

They may also intimate whether they would like heard in person.

District Mahr

S.No	Employee Name	Employee Number	Designation	School Name	Period
1	Safra Jomaid	11033650	PSI	GBPS Humar Balouch	2024-25
2	Rifat Shabreen	11038473	PSI	GBPS Labour Colony F.I Area Shair Parw C	2024-25
3	Amima	11070180	PSI	GBPS Mahmood Shah	2024-25
4	Saima Sobail	11032506	PSI	GBPS Sabo Gahle Goth	2024-25
5	Sharmeen Tahir	11088830	PSI	GBPS Rodeen Balouch Al Rahmawar Goth Pip	2024-25
6	Haleema Bibi	10798986	PSI	GBPS Qasid F. Abad Landhi	2024-25
7	Kiran Noor	11032877	PSI	GBPS Umamia Masjid	2024-25
8	Amjad Ali	10318501	PSI	GBPS Abdul Rehman Got	2024-25
9	Shah Muhammad	10083190	PSI	GBPS Han Allahdad Jokhu Khadejee	2024-25

WORK FOR SINDH

JOB PORTAL BY
INFORMATION DEPARTMENT

Sd/- (BASHIR AHMED ABBASI)
DIRECTOR

INF/KRY/1593/2026



SERVICE COO

No. SO(ADMN-I)/SGA&CD/11(30)

To,

Mr. Arshad Masih s/o
Sweeper (BPS-01), R/o #
Near Awami Markaz Sha

SUBJECT: FINAL

Whereas, a Show Cause / E-V, dated 31-12-2025, but you

I, therefore, by this not alities, under Rule 4(1)(b) of the

You, Mr. Arshad Masih within Fourteen (14) days to the imposed upon you for the miscon

You may also intimate

WORK FOR SINDH

JOB PORTAL BY
INFORMATION DEPARTMENT



OFFICE OF THE SUPERINTENDING ENGINEER SMALL DAMS ORGANIZATION CIRCLE, HYDERABAD

Phone # 022-2633373 E-mail: se_sdo@hotmail.com

Hyderabad

Dated: 14/04/2026

No. SE/SDO/AB/301

REQUEST FOR PROPOSAL (RFP) FOR

SELECTION OF CIVIL ENGINEERING CONSULTANTS

Name of Works: DESIGN, CONSTRUCTION SUPERVISION AND PREPARATION OF ENVIRONMENTAL & SOCIAL MANAGEMENT PLANS FOR ECOSYSTEM BASED ADAPTATION (EBA) AND 14 GREEN INFRASTRUCTURE (GI) INTERVENTIONS.

The Small Dams Circle Sindh Hyderabad, Irrigation Department, Government of Sindh, has invited intends to undertake the feasibility study and Supervision of Construction works namely "Design, Construction Supervision and Preparation of Environmental & Social Management Plans for Ecosystem based Adaptation (EBA) and 14 Green Infrastructure (GI) interventions" under Project Name: "Recharge Pakistan Building Pakistan's Resilience to Climate Change through EcoSystem-Based adaption (EBA) and Green Infrastructure (GI) for integrated Flood Risk Management- Sindh (Irrigation Component)", under SPPRA Rules 2010 (amended 2019). The period of Consultancy is 2 years / till completion months.

The sealed Technical & Financial proposals from interested reputable Consultants / Firms are invited to register their Request for Proposal (RFP). The participant Consultants / Firms will have to apply on the prescribed format which can be received from office of the undersigned on payment of Rs. 5,000/- (non-refundable documents fee on any working day) on or before date: 11-05-2026. Technical & Financial proposals sealed separately, with all requisite documents must be delivered before 12:00 Noon 12-05-2026 (in-quadruplicate) and the same will be opened @ 02:00 P.M on same date in the presence designated representatives of firms. In the office of the Superintending Engineer, Small Dams Circle Sindh Hyderabad, adjacent to SIDA Secretariat Barrage Colony Hyderabad, under relevant provision of SPPRA Rules.

Conditions:

1. The consortium consisting of more than two (02) firms will not be eligible for the participation.
2. The Firms / Consultants having vast experience in Feasibility Study / Supervision for Construction of Small, Medium and Large Dams shall only be eligible for participation and will be short listed accordingly.
3. The consultant having renewal Certificate of PEC for the year ending December 2026, with the allocation of code No. 1205 shall only be eligible for participating proposed consultancy services.
4. The consultants must have the latest GIS with Hydro analysis licensed softwares for Slope Stability Analysis, Finite Element Seepage Analysis System, FEM Seismic Analysis, HEC RAS & HEC HMS alongwith its complete knowledge of operation.
5. The participating Consultants must have NTN certificate of FBR with No dues certificate for the year 2025-26 and Registration with Sindh Revenue Board (SRB).
6. The Conditional and late applications shall not be entertained.
7. If interest firms do not provided the full information in accordance with requirement of RFP, the proposal shall be considered as non-responsive.
8. It is the prerogative of the procuring Agency to accept or reject any or all technical / financial proposals without assigning any reason thereof under relevant provisions of SPPRA Rules 2010 (amended 2019).

Sd/-

(SYED ALI SHAH)
SUPERINTENDING ENGINEER
Small Dams Circle Sindh, Hyderabad

INF/KRY/1607/2026

WORK FOR SINDH

JOB PORTAL BY
INFORMATION DEPARTMENT



OFFICE LBO

projectlbod@gmail

No. PD/LBOD/DB-Consultant RFP/

F

Name of Work: REHABILITATION PHASE

1. The Project Director LBOD Proj for Supervision and Monitoring ALLIED STRUCTURES PHASE 24 months.
2. Interested Consultant Firms are invited to apply on the prescribed format which can be received from office of the undersigned on payment of Rs. 5,000/- (non-refundable documents fee on any working day) on or before date: 11-05-2026. Technical & Financial proposals sealed separately, with all requisite documents must be delivered before 12:00 Noon 12-05-2026 (in-quadruplicate) and the same will be opened @ 02:00 P.M on same date in the presence designated representatives of firms. In the office of the Superintending Engineer, Small Dams Circle Sindh Hyderabad, adjacent to SIDA Secretariat Barrage Colony Hyderabad, under relevant provision of SPPRA Rules.
3. Consortium consisting of more than two (02) firms will not be eligible for the participation.
4. The Firms / Consultants having vast experience in Feasibility Study / Supervision for Construction of Small, Medium and Large Dams shall only be eligible for participation and will be short listed accordingly.
5. The consultant having renewal Certificate of PEC for the year ending December 2026, with the allocation of code No. 1205 shall only be eligible for participating proposed consultancy services.
6. The consultants must have the latest GIS with Hydro analysis licensed softwares for Slope Stability Analysis, Finite Element Seepage Analysis System, FEM Seismic Analysis, HEC RAS & HEC HMS alongwith its complete knowledge of operation.
7. The participating Consultants must have NTN certificate of FBR with No dues certificate for the year 2025-26 and Registration with Sindh Revenue Board (SRB).
8. The Conditional and late applications shall not be entertained.
9. If interest firms do not provided the full information in accordance with requirement of RFP, the proposal shall be considered as non-responsive.
10. It is the prerogative of the procuring Agency to accept or reject any or all technical / financial proposals without assigning any reason thereof under relevant provisions of SPPRA Rules 2010 (amended 2019).

INF/KRY/1595/2026

WORK FOR SINDH

JOB PORTAL BY
INFORMATION DEPARTMENT



پاکستان کے 11 شہروں سے یک وقت شائع ہونے والا واحد اخبار
جلد 28 شمارہ 229 | ہفتہ 7 ذی قعدہ 1447ھ 25 اپریل 2026ء | صفحات 14 قیمت 40 روپے

SC(MC)989/شمارہ 229

SATURDAY, APRIL 25, 2026

دفتر سپرنٹنڈنگ انجینئر
اسمال ڈیمز آرگنائزیشن سرکل، حیدرآباد

فون: 022-263373 ای میل: se_sdo@hotmail.com

نمبر: SE/SDO/AB/301 حیدرآباد مورخہ: 14 مارچ 2026ء



التماس برائے پروپوزل (آر ایف پی) برائے انتخاب بابتہ سول انجینئرنگ کنسلٹنٹس

کاموں کا نام: ماحولیاتی نظام پر مبنی موافقت (ای بی اے) اور 14 گرین انفراسٹرکچر (جی آئی) مداخلتوں کے لیے ڈیزائن، تعمیراتی نگرانی اور ماحولیاتی اور مقامی انتظامی منصوبوں کی تیاری

اسال ڈیمز سرکل سندھ حیدرآباد، اری کیشن ڈپارٹمنٹ، حکومت سندھ نے ارادہ رکھنے والوں کو مدعو کیا ہے کہ وہ فریٹیلٹی اسٹڈی اور نگرانی کا کام بابت تعمیرات کے نام موسم بہ "ماحولیاتی نظام پر مبنی موافقت (ای بی اے) اور 14 گرین انفراسٹرکچر (جی آئی) مداخلتوں کے لیے ڈیزائن، تعمیراتی نگرانی اور ماحولیاتی اور مقامی انتظامی منصوبوں کی تیاری" کی فریٹیلٹی اسٹڈی شروع کرنے کا کہا ہے، یہ منصوبہ بنام "ریجنل راج پاکستان: بلڈنگ پاکستان زیر پلانٹس ٹوکلایٹ چیلنج توسط ایکوسٹم ہیڈ ڈیپارٹمنٹ (EBA) اور گرین انفراسٹرکچر (جی آئی) برائے انگریز فلڈ رسک مینجمنٹ، سندھ (اری کیشن کمپنٹ، ایس بی پی آر اے رولز 2010) (ترمیم شدہ 2019) کے تحت شروع کیا ہے۔ مشاورت کا دورانیہ 2 سال ہے/تعمیل کے مہینوں تک۔

دلچسپی رکھنے والے مصروف کنسلٹنٹس/فرمیں سے سربراہ ٹیکنیکل اور فنانسئل پروپوزلز اپنی التماس برائے پروپوزل کے لیے طلب کی جاتی ہیں۔ شرکت کرنے والی کنسلٹنٹس/فرمیں مجوزہ نمونہ کے مطابق درخواست دیں گی جو ریڈ تکست کے دفتر سے مبلغ: 5000 روپے (ناتقابل واپسی دستاویز کی فیس کی بھی پیم کار کو) 11 مئی 2026ء کو یا اس سے قبل حاصل کر سکتے ہیں۔ ٹیکنیکل اور فنانسئل پروپوزلز الگ الگ سربراہ کی جائیں۔ تمام مطلوبہ دستاویزات کے ساتھ لازمی طور پر 12 مئی 2026ء کو دوپہر 12:00 بجے (چار عدد نقول) پہنچانی چاہئیں اور یہیں سے سہ پہر 2:00 بجے اسی تاریخ پر فرم کے مقرر کردہ نمائندوں کی موجودگی دفتر سپرنٹنڈنٹ انجینئر، اسال ڈیمز سرکل، سندھ حیدرآباد و اتصال SIDA سیکریٹریٹ بیراج کالونی، حیدرآباد میں ایس بی پی آر اے رولز کی متعلقہ شقوں کے تحت کھولی جائیں گی۔

ضوابط:

- 1- دو (02) سے زائد فرموں پر مشتمل کنسورٹیم شرکت کا اہل نہیں ہوگا۔
- 2- فریٹیلٹی اسٹڈی/نگرانی برائے تعمیرات اسال میڈیم اور لارج ڈیمز، کا وسیع تجربہ رکھنے والی فرمیں/کنسلٹنٹس شرکت کے لیے اہل ہوں گے اور اسی کے مطابق ان کا انتخاب کیا جائے گا۔
- 3- ایسے کنسلٹنٹس جن کے پاس PEC کارڈ نیٹ ورک سرٹیفکیٹ برائے اختتامی سال کے لیے دسمبر 2026ء مع ایلیکٹرونک ڈیٹا: 1205، صرف وہ بھی مجوزہ کنسلٹنسی سروسز شرکت کے اہل ہوں گے۔
- 4- کنسلٹنٹ کو کم از کم جی آئی ایس ود ہائیڈرو اینالسز لائسنس سافٹ ویئر فارسلو، اسٹیلٹی اینالسز، فائنالسٹ اسٹیمٹ سیٹج اینالسز ایف ای ایم، سسٹمک اینالسز، IEC-RAS اور IEC-HMS مع اس کے چلانے کے مکمل علم کے ساتھ تجربہ رکھنے والے ہوں۔
- 5- شرکت کے لیے کنسلٹنٹس کے پاس لازمی NTN سرٹیفکیٹ بابت ایف بی آر مع نوڈ یوز سرٹیفکیٹ برائے سال 2025-26 اور سندھ ریونیو بورڈ (ایس آر بی) کی رجسٹریشن کا حامل ہونا چاہیے۔
- 6- مشروط اور ذخیرہ درخواستیں زیر غور نہیں لائی جائیں گی۔
- 7- دلچسپی رکھنے والی فرم اگر آر ایف پی کی مطلوبات کے مطابق مکمل معلومات فراہم نہیں کرتی تو یہ پروپوزل بطور عدم جواب دہندہ تصور ہوں گے۔
- 8- یہ پروکیورنگ ایجنسی کا استحقاق ہے کہ وہ کوئی وجہ بتائے بغیر ایس بی پی آر اے رولز 2010 (ترمیم شدہ 2019) کی متعلقہ دفعات کے تحت کوئی ایک یا تمام ٹیکنیکل/فنانسئل پروپوزلز کو قبول یا مسترد کر دے۔

دستخط..... (سید علی شاہ) سپرنٹنڈنٹ انجینئر

اسال ڈیمز سرکل سندھ، حیدرآباد

INF/KRY/1607/2026

WORK FOR SINDH
www.iwork4sindh.com
JOB PORTAL BY
INFORMATION DEPARTMENT

THE EXPRESS TRIBUNE

PARTNER OF
The New York Times
INTERNATIONAL EDITION

Saturday

APRIL 25, 2026

ZIQA AD 7, 1447 A.H.

Rs60

tribune.com.pk

KARACHI



OFFICE OF THE SUPERINTENDING ENGINEER SMALL DAMS ORGANIZATION CIRCLE, HYDERABAD

Phone # 022-2633373 E-mail: se_sdo@hotmail.com

Hyderabad

Dated: 14/04/2026

No.: SE/SDO/AB/301

REQUEST FOR PROPOSAL (RFP) FOR SELECTION OF CIVIL ENGINEERING CONSULTANTS

Name of Works: DESIGN, CONSTRUCTION SUPERVISION AND PREPARATION OF ENVIRONMENTAL & SOCIAL MANAGEMENT PLANS FOR ECOSYSTEM BASED ADAPTATION (EBA) AND 14 GREEN INFRASTRUCTURE (GI) INTERVENTIONS.

The Small Dams Circle Sindh Hyderabad, Irrigation Department, Government of Sindh, has invited intends to undertake the feasibility study and Supervision of Construction works namely "Design, Construction Supervision and Preparation of Environmental & Social Management Plans for Ecosystem based Adaptation (EBA) and 14 Green Infrastructure (GI) interventions" under Project Name: "Recharge Pakistan: Building Pakistan's Resilience to Climate Change through EcoSystem-Based adaption (EBA) and Green Infrastructure (GI) for integrated Flood Risk Management- Sindh (Irrigation Component)", under SPPRA Rules 2010 (amended 2019). The period of Consultancy is 2 years / till completion months.

The sealed Technical & Financial proposals from interested reputable Consultants / Firms are invited to register their Request for Proposal (RFP). The participant Consultants / Firms will have to apply on the prescribed format which can be received from office of the undersigned on payment of Rs: 5,000/- (non-refundable documents fee on any working day) on or before date: 11-05-2026. Technical & Financial proposals sealed separately, with all requisite documents must be delivered before 12:00 Noon 12-05-2026 (in-quadruplicate) and the same will be opened @ 02:00 P.M on same date in the presence designated representatives of firms. In the office of the Superintending Engineer, Small Dams Circle Sindh Hyderabad, adjacent to SIDA Secretariat Barrage Colony Hyderabad, under relevant provision of SPPRA Rules.

Conditions:

1. The consortium consisting of more than two (02) firms will not be eligible for the participation.
2. The Firms / Consultants having vast experience in Feasibility Study / Supervision for Construction of Small, Medium and Large Dams shall only be eligible for participation and will be short listed accordingly.
3. The consultant having renewal Certificate of PEC for the year ending December 2026, with the allocation of code No. 1205 shall only be eligible for participating proposed consultancy services.
4. The consultants must have the latest GIS with Hydro analysis licensed softwares for Slope Stability Analysis, Finite Element Seepage Analysis System, FEM Seismic Analysis, HEC-RAS & HEC-HMS alongwith its complete knowledge of operation.
5. The participating Consultants must have NTN certificate of FBR with No dues certificate for the year 2025-26 and Registration with Sindh Revenue Board (SRB).
6. The Conditional and late applications shall not be entertained.
7. If interest firms do not provided the full information in accordance with requirement of RFP, the proposal shall be considered as non-responsive.
8. It is the prerogative of the procuring Agency to accept or reject any or all technical / financial proposals without assigning any reason thereof under relevant provisions of SPPRA Rules 2010 (amended 2019).

INF/KRY/1607/2026

WORK FOR SINDH
www.iwork4sindh.com
JOB PORTAL BY
INFORMATION DEPARTMENT



Sd/-
(SYED ALI SHAH)
SUPERINTENDING ENGINEER
Small Dams Circle Sindh, Hyderabad

آفيس آف دي ايجزڪيوٽو انجنيئر ٽيوب ويل ڊويزن ٽنڊوڄام

فون نمبر: 0222-720324

NO.TC/TWD/T.Jam/402

Dated:23-04-2026

ٽينڊر / واڪ (EPADS) کي دعوت ڏيڻ جو نوٽيس

هي آفيس هيٺ ڏنل ڪم لاءِ "اڇي پاڪ اڪيوريشن اينڊ ڊسپوزل سسٽم (EPADS) تي (SBD) شيڊول آف ريسس (CSR-2024) ذريعي اڇي-واڪ جي دعوت ڏئي ٿي. دلچسپي رکندڙ ٽيڪنيڪل/فرم/پارٽين کان جيڪي قابليت جي معيار کي پورا ڪن ٿا/ پاڪستان سان رجسٽرڊ آهن. انجنيئرنگ ڪائونسل وٽ (جون 2026 تائين ڪارگر لائسنس) لاڳاپيل فيلڊ ۾ ۽ هيٺين ڪم جي خريداري لاءِ مناسب ڪيٽيگري ۾.

سيريل نمبر	ڪم جو نالو	ڪيل لائٽ رينڊ (مليون روپيا)	واڪ سيڪيورٽي (مليون روپيا)	ٽينڊر / واڪ في	تڪميل جو مدو	PEC ڪيٽيگري
01	گورنر گل محمد بنگو، ڊيه هٿل پٽ، گورنر ميان داد باريجو ڊيه رڪو، گورنر حسين سيهڙو ڊيه مول، گورنر غلام حسين گبول ڊيه پوڪان، گورنر حسين بروهي ڊيه ڪوهٽراش، گورنر سومار خاصخيلي ڊيه جهانگير، گورنر نوشهري باريجو ڊيه بيلي ٿپ، گورنر شاهو پالاري ڊيه ڊيسوي، گورنر اچر بالائي ڊيه ڊيسوي، گورنر امار بخش گبول ڊيه پوڪان ۽ ضلعو جامشورو ۾ پيش/زراعت لاءِ 20 عدد سولر ٽيوب ويلن جي تشخيص ADP نمبر 26-2025/1267.	327.630	16.382	5000	24 مهينا	C3 ۽ مقبي

1- قابليت / لازمي گهرجون:

I. مقبي بيان ڪيل ڪم لاءِ ڪورڊ ٽينڊر / واڪ دستاويز <https://portalsindh.eprocure.gov.pk> تان وٺڻ لڙو ڪري سگهجن ٿا. NIT جي تاريخ کان EPADS ويب سائيٽ تي لڳل / معروف اخبارن ۾ شايع ٿيل ڪم جي ڏينهن دوران 13.05.2026 تائين صبح جو 11:00 وڳي تائين تحريري درخواست جمع ڪرائڻ ۽ "ايجزڪيوٽو انجنيئر ٽيوب ويل ڊويزن ٽنڊو ڄام ايت بنگلو نمبر 28-A سول لائين حيدرآباد" جي آفيس جي حق ۾ دماند ڊالٽ / ٻي آرڊر وغيره جي صورت ۾ مقرر ڪيل ٽينڊر فيس (انڦال واپسي) جي ادائينگي تي.

II. گذريل پنجن (05) سالن دوران ساڳئي نوعيت جي ڪم ۾ گهٽ ۾ گهٽ تجربو واڪ ڏيندڙ کي گهٽ ۾ گهٽ ٽي (03) ساڳئي نوعيت جا ڪم مهيا ڪرڻ گهرجن جن مان هر هڪ جي گهٽ ۾ گهٽ قيمت اندازي مطابق قيمت جو 50% هجي. انهن جي مڪمل ٿيڻ جي سرٽيفڪيٽ سان گڏ دستاويزي ثبوتن (ڪم آرڊر / معاهدي جو سرٽيفڪيٽ ۽ لاڳاپيل ڪاٺي / ايجنسي پاران منصوبي جي مڪمل ٿيڻ جو سرٽيفڪيٽ) سان گڏ. اڳ ۾ ڪيل ڪم (ڪم) جي تجربن بابت معلومات جي تصديق ٻين ڪنهن سگهجي ٿي جيڪڏهن ضرورت هجي تہ ڪنهن به مرحلي تي.

III. مقبي ذڪر ڪيل واڪ سيڪيورٽي، جيڪا پاڪستان ۾ شيڊولڊ بينڪ پاران صرف ايجزڪيوٽو انجنيئر ٽيوب ويل ڊويزن ٽنڊو ڄام جي حق ۾ (فرم جو نالو) جي نالي تي جاري ڪيل بينڪ گارنٽي جي صورت ۾، مقبي ذڪر ڪيل آفيس ۾ (اصل) جمع ڪرائي وڃي. آخري تاريخ کان اڳ جو ايڊريس نوٽ ڪيو وڃي ٿو تہ آخري تاريخ جمع ڪرائيل مقبي ذڪر ڪيل درخواست قبول نه ڪئي ويندي.

IV. فرم سان ڪم ڪندڙ انجنيئرنگ ۽ ٽيڪنيڪل ۽ پيشور عملي جو بايو ڊيٽا (تجربي ۽ خدمتن جي مدد سان مڪمل تفصيل).

V. گذريل پنجن سالن دوران سراسري ساليانو ٽرن اوور اسڪيم / پروجيڪٽ جي برابر قيمت کان گهٽ نه هجي.

VI. (ICAP) رجسٽرڊ آف فرم کان گذريل پنجن سالن (2020-21، 2021-22، 2022-23، 2023-24، 2024-25) جون سالياني آڊٽ ٿيل رپورٽون.

VII. گذريل ٽن سالن جي سالياني آمدني ٽيڪس ريترن يعني: (2020-21، 2021-22، 2022-23، 2023-24، 2024-25) لاءِ بينڪ اسٽيٽمينٽ فراهم ڪرڻ گهرجي.

VIII. گذريل سالن (2020-21، 2021-22، 2022-23، 2023-24، 2024-25) لاءِ بينڪ اسٽيٽمينٽ فراهم ڪرڻ گهرجي.

IX. مشينري ۽ سامان جي فهرست جيڪا ان جي ملڪيت / مساوي تي ڏنل دستاويزي ثبوت سان گڏ موجود آهي.

X. فيڊرل بورڊ آف روينيو سان فعال حيثيت سان انٽر ٽيڪس ڊپارٽمينٽ (اين تي اين سرٽيفڪيٽ) سان رجسٽريشن.

XI. سنڌ روينيو بورڊ حڪومت سنڌ (SRB) جو رجسٽريشن سرٽيفڪيٽ (فعال حيثيت سان).

XII. اي.اسٽيمپ پيپر تي هڪ اصل ۽ ٽن ڪاپي ٽيڪس ڊيٽا / حلف نامو تہ واڪ ڏيندڙ ۽ ان جا ملازم هن وقت ڪنهن به سرڪاري، غير سرڪاري، خودمختيار يا رياستي ملڪيت واري تنظيم طرفان بليڪ لسٽ نه ڪيا ويا آهن ۽ يا بليڪ لسٽنگ بابت انهن جا ڪيس ڪنهن به عدالت ۾ ٻڌي هيٺ نه آهن.

XIII. عدالتي ڪاغذن تي عمل ڪرڻ تہ فرم ضمانت ڏئي ٿي تہ اهو ڪنهن به قانوني ڪارروائي ۾ ملوث نه آهي جنهن ۾ ڊپارٽمينٽل ٽيڪنر ڇڏيل منصوبا، يا ڪنهن به ڪم جي مڪمل ٿيڻ ۾ غير ضروري دير شامل آهي.

XIV. ڪنهن به صورت ۾ فرم / ڪمپني جي فائينڊ ملڪيت (عدالتي اسٽيمپ پيپر تي مهيا ڪئي وڃي).

XV. اي.اسٽيمپ پيپر (اصل ۾) انهي اثر سان تہ پيش ڪيل سڀئي دستاويز / تفصيل / سرٽيفڪيٽ / معلومات سچا ۽ درست آهن ڪمپني / فرم پاران مهيا ڪيل جعلي / عارضي يا غلط معلومات / سرٽيفڪيٽ جي صورت ۾ ڪنهن به مرحلي تي بليڪ لسٽ ٿيڻ جو ذميوار هوندو.

2- خريداري جو طريقو (منگول اسٽيج ٻه لفافا):

I. "ٽيڪنيڪل تجويز" ۽ "مالي تجويز" تي مشتمل واڪ EPADS پورٽل ذريعي آخري تاريخ کان اڳ يعني 13.05.2026 کان منجهند 12.00 وڳي تائين آن لائن جمع ڪرائڻ لازمي آهي. شروعات ۾ صرف "ٽيڪنيڪل تجويز" کي پروجيڪٽ مينٽ ڪميٽي پاران ساڳئي ڏينهن منجهند 12.30 وڳي ڪوٺيو ويندو. شرڪت ڪندڙ واڪ ڏيندڙن / فرمن يا انهن جي نمائندن جي موجودگي ۾ جن وٽ اي.اسٽيمپ پيپر تي پاڙو آف اٿارٽي آهي ۽ اصل CNIC آفيس

II. ايجزڪيوٽو انجنيئر ٽيوب ويل ڊويزن ٽنڊو ڄام ايت بنگلو نمبر 28-A سول لائين حيدرآباد ۾.

III. ٽيڪنيڪل تجويزون، فرمن جي ٽيڪنيڪل قابليت لاءِ جائزو ورتو ويندو. ٽيڪنيڪل طور تي قابليت رکندڙ / جوابدار فرمن جا مالي واڪ / تجويزون ان تاريخ ۽ وقت تي ڪوٺيون وينديون جيڪي سڀني قابليت رکندڙ ليڪيڊرن / فرمن کي اڳواٽ اطلاع ڏني ويندي. ٽيڪنيڪل طور تي غير جوابدار جا مالي واڪ / تجويزون لاڳاپيل واڪ ڏيندڙن کي ان ڪيل واپس ڪيا ويندا.

IV. ٽينڊر اختيار ۽ صاف سڌي نموني سان پيو ويندو ۽ واڪ ڏيندڙن پاران صحيح ڪيا ويندا. ليڪيڊرن پاران قيمتن اٽڪن / اکرن ۾ بيان ڪيون وينديون. تا مڪمل ٿيڻن اوڀر راننگ يا مشروط ٽينڊر قبول نه ڪيا ويندا.

V. ڪنهن به صورت ۾ فائينڊ ملڪيت عدالتي اسٽيمپ پيپر تي مهيا ڪئي وڃي.

VI. سڀئي سرڪاري ٽيڪس، جن ۾ ايس ايس ٽي شامل آهن، موجوده شرحن تي بلن مان ڪٽيا ويندا.

3- شرط ۽ ضابطا:

I. جمع ڪرائڻ / ڳڻيل تاريخ ۽ وقت تي ڪنهن اڻڻندڙ حالت جي صورت ۾ يا جيڪڏهن حڪومت موڪلڻ جو اعلان ڪري ٿي تہ ٽينڊر پئي ڏينهن ساڳئي وقت ۽ هنڌ تي جمع ڪرايا / ڪوٺيا ويندا.

II. پروجيڪٽنگ ايجنسي SPRA 2010 رولز ۽ (ترميم ٿيل هيٺائين) ۾ لاڳاپيل شق جي تابع سڀني يا ڪنهن به واڪ کي رد ڪرڻ جو حق محفوظ رکي ٿي.

III. بي بنياد ۽ يا غلط معلومات فراهم ڪندڙ واڪ ڏيندڙ ٽنڊر ٺاهل قرار ڏنا ويندا.

IV. جيڪڏهن پروجيڪٽ مينٽ ڪميٽي جو ڪو به ميمبر ڪرڻ جي تاريخ تي هيڊ ڪوارٽر کان ٻاهر هوندو تہ ٻيو اچڻ ايندڙ ڪم ڪار واري ڏينهن تي يا پروجيڪٽنگ ايجنسي پاران اعلان ڪيل تاريخ تي جمع ڪرايا / ڪوٺيا ويندا.

V. سڀئي رابطا يا وضاحتون صرف EPADS پورٽل ذريعي ڪيون وينديون ۽ ڪنهن پئي ذريعي ڪا به خط ۽ ڪتابت نه ڪئي ويندي. واڪ ڏيندڙ EPADS پورٽل جي باقاعده نگراني جا ذميوار آهن.

جواب نه ڏيڻ يا ڪنهن ٻي حقيقت جي صورت ۾، ٻي ڪوشش لاءِ ٽينڊر ٻيهر جاري ڪيا ويندا ۽ هيٺين تاريخن تي ساڳئي پتي تي ساڳئي پروجيڪٽ مينٽ ڪميٽي جي سامهون ڪوٺيا ويندا.

پيرو	جاري	جمع	ڪرڻ
پيون پيرو	01-06-2026 منجهند 12 وڳي	01-06-2026 منجهند 12:30 وڳي	01-06-2026 منجهند 1:30 وڳي

ايجزڪيوٽو انجنيئر

ٽيوب ويل ڊويزن ٽنڊوڄام

INF-KRY.NO.1608/2026

WORK FOR SINDHI JOB PORTAL BY INFORMATION DEPARTMENT

ABC Certified The Largest Circulated Sindhi Daily of Pakistan

DATE: 26 APRIL 2026

روزانه

دکي وقت ڪراچي، حيدرآباد ۽ سکر مان شايع ٿيندڙ ٻيون سڌي اخبار

Sunday, 26 April, 2026



IRRIGATION DEPARTMENT GOVERNMENT OF SINDH
OFFICE OF THE CHIEF ENGINEER
SMALL DAMS REGION SINDH HYDERABAD



Phone / Fax No: 022-9210134
Email: cesdos01@gmail.com

No. CE/SDO / *Admu* / 320
Dated: 16 / 04 / 2026

To,

The Secretary to Government of Sindh,
Irrigation Department,
Karachi.

Subject: NOMINATION TO CONSTITUTE A COMPLAINT REDRESSAL COMMITTEE FOR "RECHARGE PAKISTAN: BUILDING PAKISTAN'S RESILIENCE TO CLIMATE CHANGE THROUGH ECOSYSTEM-BASED ADAPTION (EBA) AND GREEN INFRASTRUCTURE (GI) FOR INTEGRATED FLOOD RISK MANAGEMENT - SINDH (IRRIGATION COMPONENT).

In compliance with Rule-31 of SPPRA Rules 2010 (Amended 2019), the constitution of the Complaint Redressal Committee (CRC) comprising the following members to address the grievances of bidders that may arise during the procurement is necessary.

1	Chief Engineer Small Dams Region Sindh Hyderabad.	Chairman
2.	Executive Engineer Small Dams Division Kohistan-II Jamshoro	Member
3.	Executive Engineer, (Technical Officer) Small Dams Region Sindh Hyderabad.	Technical Expert

The above "Complaint Redressal Committee" is proposed to be constituted against the constituted Consultant Selection Committee from the Department under Notification No. SO(R&S)8-110/2026/Part-XX dated: 13th April 2026.

Early action in the matter is requested for the issuance of Notification of both committee is required to be uploaded on SPPRA Website, while calling Request for Proposal (RFP).

11/11/26
(GHULAM MOHIUDDIN MUGHAL)
Chief Engineer
Small Dams Region Sindh
Hyderabad

C.C.....

The Superintending Engineer Small Dams Circle Sindh Hyderabad for persuing the matter at Department and get the Notification regarding CRC as early as possible.



**OFFICE OF THE SUPERINTENDING ENGINEER
SMALL DAMS ORGANIZATION CIRCLE, HYDERABAD**

Phone # 022-2633373

E-mail:se_sdo@hotmail.com

No. SE/SDO/AB/ 301

Hyderabad Dated: 14/04/2026.

**REQUEST FOR PROPOSAL (RFP)
FOR
SELECTION OF CIVIL ENGINEERING CONSULTANTS.**

Name of Works: DESIGN, CONSTRUCTION SUPERVISION AND PREPARATION OF ENVIRONMENTAL & SOCIAL MANAGEMENT PLANS FOR ECOSYSTEM BASED ADAPTATION (EBA) AND 14 GREEN INFRASTRUCTURE (GI) INTERVENTIONS.

The Small Dams Circle Sindh Hyderabad, Irrigation Department, Government of Sindh, has invited intends to undertake the feasibility study and Supervision of Construction works namely **“Design, Construction Supervision and Preparation of Environmental & Social Management Plans for Ecosystem based Adaptation (EbA) and 14 Green Infrastructure (GI) interventions”** under Project Name: **“Recharge Pakistan: Building Pakistan’s Resilience to Climate Change through EcoSystem-Based adaption (EBA) and Green Infrastructure (GI) for integrated Flood Risk Management- Sindh (Irrigation Component)”**, under SPPRA Rules 2010 (amended 2019). The period of Consultancy is 2 years / till completion months.

The sealed Technical & Financial proposals from interested reputable Consultants/Firms are invited to register their Request for Proposal (RFP). The participant Consultants / Firms will have to apply on the prescribed format which can be received from office of the undersigned on payment of **Rs: 5,000/- (non-refundable documents fee on any working day)** on or before date: **11-05-2026**. Technical & Financial proposals sealed separately, with all requisite documents must be delivered before **12:00 Noon 12-05-2026 (in-quadruplicate)** and the same will be opened **@ 02:00 P.M** on same date in the presence designated representatives of firms. In the office of the Superintending Engineer, Small Dams Circle Sindh Hyderabad, adjacent to SIDA Secretariat Barrage Colony Hyderabad, under relevant provision of SPPRA Rules.

Conditions:

1. The consortium consisting of more than two (02) firms will not be eligible for the participation.
2. The Firms/ Consultants having vast experience in Feasibility Study / Supervision for Construction of Small, Medium and Large Dams shall only be eligible for participation and will be short listed accordingly.
3. The consultant having renewal Certificate of PEC for the year ending December 2026, with the allocation of code No.1205 shall only be eligible for participating proposed consultancy services.
4. The consultants must have the latest GIS with Hydro analysis licensed softwares for Slope Stability Analysis, Finite Element Seepage Analysis System, FEM Seismic Analysis, HEC-RAS & HEC-HMS alongwith its complete knowledge of operation.
5. The participating Consultants must have NTN certificate of FBR with No dues certificate for the year 2025-26 and Registration with Sindh Revenue Board (SRB).
6. The Conditional and late applications shall not be entertained.
7. If interest firms do not provided the full information in accordance with requirement of RFP, the proposal shall be considered as non-responsive.
8. It is the prerogative of the procuring Agency to accept or reject any or all technical / financial proposals without assigning any reason thereof under relevant provisions of SPPRA Rules 2010 (amended 2019).

(SYED ALI SHAH)
SUPERINTENDING ENGINEER
Small Dams Circle Sindh
Hyderabad

Copy forwarded with compliments to:

- 1/- The Chief Engineer, Small Dams Region Sindh, Hyderabad.
- 2/- The Director Information (Advertisement) Govt. of Sindh Karachi along with 7 copies of NIT, requested for publication in the leading Newspaper i.e. Sindhi, Urdu, English.
- 3/- The Managing Director Sindh Public Procurement Regulatory Authority (SPPRA) Karachi.
- 4/- The Executive Engineer Small Dams Divisions (All).
- 5/- The P.S. to Secretary to Govt. of Sindh Irrigation Department Karachi.
- 6/- Copy to Notice Board.

(SYED ALI SHAH)
SUPERINTENDING ENGINEER
Small Dams Circle Sindh
Hyderabad



GOVERNMENT OF SINDH
IRRIGATION DEPARTMENT

NOTIFICATION

No.SO(R&S)8-110/2026/Part-XX: The Irrigation Department, Government of Sindh has been pleased to constitute a Consultant Selection Committee in terms of Rule 67 of Sindh Public Procurement Rules-2010 (Amended upto-date), for hiring consultancy services for "Recharge Pakistan: Building Pakistan's Resilience to Climate Change through Ecosystem-Based adaption (EBA) AND Green Infrastructure (GI) for Integrated Flood Risk Management – Sindh (Irrigation Component)" with the following composition:-

- | | |
|---|------------------|
| 1. Superintending Engineer,
Small Dams Circle Sindh Hyderabad. | Chairman |
| 2. Representative Planning Department, Karachi.
(Not below the rank of BPS-18) | Member |
| 3. Representative Finance Department, Karachi.
(Not below the rank of BPS-18) | Member |
| 4. Executive Engineer,
Small Dams Division Kohistan-II Jamshoro. | Member |
| 5. Executive Engineer,
Small Dams Division Kohistan-I Dadu | Member/Secretary |

T.O.R's of the Committee are as provided under Rule 71 of Sindh Public Procurement Rules-2010 (Amended upto-date). The Committee shall follow the Rule-73 to 80 SPP Rules 2010 (Amended upto-date) and other relevant rules of SPPR during process of procurement of selection of consultants.

SECRETARY TO GOVT. OF SINDH

Karachi, dated the 13th April, 2026.

No.SO(R&S)8-110/2026/Part-XX:

A copy is forwarded for information & necessary action to:-

1. The Chairman, Planning & Development Board, Government of Sindh Karachi with the request to nominate representative of his department as member for the above said Consultants Selection Committee.
2. The Secretary Finance Department, Govt. of Sindh Karachi with the request to nominate representative of his department as member for the above said Committee.
3. The Chief Engineer, Small Dams Region Sindh Hyderabad, with reference to his letter No.SDO/233 dated 17/03/2026.
4. The Superintending Engineer, Small Dams Circle Sindh Hyderabad.
5. The Executive Engineer, Small Dams Division Kohistan-I, Dadu.
6. The Executive Engineer, Small Dams Division Kohistan-II, Jamshoro.
7. P.S. to Secretary Irrigation Department, Govt. of Sindh, Karachi.

[Signature] 13/4/26

SECTION OFFICER(R&S)
For Secretary to Government of Sindh

ANNUAL PROCUREMENT PLAN

(Works, Goods, & Services)

Financial Year 2025-26

In respect of Small Dams Circle Sindh Hyderabad.

Sr. No.	Description of Procurement	Quantity unit cost (where applicable)	Estimated total Cost	Source of funds	Proposed procurement method	Timing of Procurements		Remarks
						Tentative Date of Start	Tentative Date of Completion	
1	Design, Construction Supervision and Preparation of Environmental & Social Management Plans for Ecosystem based Adaptation (EbA) and 14 Green Infrastructure (GI) interventions” under Project Name: “Recharge Pakistan: Building Pakistan’s Resilience to Climate Change through EcoSystem-Based adaption (EBA) and Green Infrastructure (GI) for integrated Flood Risk Management- Sindh (Irrigation Component)”	Consultancy Services Required	41.347	Foreign Aided	Single Stage (Two Envelope)	12-05-2026	11-09-2026	


(SYED ALI SHAH)
 SUPERINTENDING ENGINEER
 Small Dams Circle Sindh
 Hyderabad



IRRIGATION DEPARTMENT

REQUEST FOR PROPOSAL (RFP)

**Recharge Pakistan: Building Pakistan's
resilience to climate change through Ecosystem-
based Adaptation (EbA) and Green
Infrastructure (GI) for integrated flood risk
management – Sindh (Irrigation Component)**



**SUPERINTENDING ENGINEER
SMALL DAMS CIRCLE SINDH
HYDERABAD**

TABLE OF CONTENTS

SECTION 1. LETTER OF INVITATION	1
SECTION 2. INSTRUCTIONS TO CONSULTANTS	3
DATA SHEET	15
SECTION 3. TECHNICAL PROPOSAL - STANDARD FORMS	32
SECTION 4. FINANCIAL PROPOSAL - STANDARD FORMS.....	43
SECTION 5: TERMS OF REFERENCE	47
SECTION 6 - STANDARD FORM OF CONTRACT	70
III. SPECIAL CONDITIONS OF CONTRACT	80

SECTION 1. LETTER OF INVITATION

REQUEST FOR PROPOSAL

To, _____

SUBJECT: Recharge Pakistan: Building Pakistan’s resilience to climate change through Ecosystem-based Adaptation (EbA) and Green Infrastructure (GI) for integrated flood risk management – Sindh (Irrigation Component)

1. The Superintending Engineer Small Dams Circle Sindh Hyderabad, Irrigation Department, Government of Sindh invites proposals to provide Consultancy Services for the “**Recharge Pakistan: Building Pakistan’s resilience to climate change through Ecosystem-based Adaptation (EbA) and Green Infrastructure (GI) for integrated flood risk management – Sindh (Irrigation Component)**”
More details on the services are provided in the Terms of Reference.

2. A firm will be selected under Quality and Cost Based Selection (QCBS) method and procedures described in this RFP, in accordance with SPPRA Rules 2010 (Amended 2019)

3. The RFP includes the following documents:

Section 1 - Letter of Invitation
Section 2 - Instructions to Consultants (including Data Sheet)
Section 3 - Technical Proposal - Standard Forms
Section 4 - Financial Proposal - Standard Forms
Section 5 - Terms of Reference
Section 6 - Standard Form of Contract

4. Please inform us in writing at the following address, upon receipt:
(a) That you received the complete Request for Proposal (RFP) document; and
(b) Whether you will submit a proposal alone or in association. Yours sincerely,

5. The last date of submission of RFP is date: _____ time: _____.

6. The Technical shall be opened on same day at ____ time.

**SUPERINTENDING ENGINEER
SMALL DAMS CIRCLE SINDH
HYDERABAD**

SECTION 2. INSTRUCTIONS TO CONSULTANTS

Instructions to Consultants

Definitions

- (a) “Procuring Agency (PA)” means the department with which the selected Consultant signs the Contract for the Services.
- (b) “Consultant” means a professional who can study, design, organize, evaluate and manage projects or assess, evaluate and provide specialist advice or give technical assistance for making or drafting policies, institutional reforms and includes private entities, consulting firms, legal advisors, engineering firms, construction managers, management firms, procurement agents, inspection agents, auditors, international and multinational organizations, investment and merchant banks, universities, research institutions, government agencies, nongovernmental organizations, and individuals
- (c) “Contract” means an agreement enforceable by law and includes General and Special Conditions of the contract.
- (d) “Data Sheet” means such part of the Instructions to Consultants that is used to reflect specific assignment conditions.
- (e) “Day” means calendar day including holiday.
- (f) “Government” means the Government of Sindh.
- (g) “Instructions to Consultants” (Section 2 of the RFP) means the document which provides shortlisted Consultants with all information needed to prepare their Proposals.
- (h) “LOI” (Section 1 of the RFP) means the Letter of Invitation sent by the procuring agency to the Consultant.
- (i) “Proposal” means the Technical Proposal and the Financial Proposal.
- (j) “RFP” means the Request For Proposal prepared by the procuring Agency for the selection of Consultants.
- (k) “Sub-Consultant” means any person or entity to whom the Consultant subcontracts any part of the Services.
- (l) “Terms of Reference” (TOR) means the document included in the RFP as Section 5 which explains the objectives, scope of work, activities, tasks to be performed, respective responsibilities of the procuring agency and the Consultant, and expected results and deliverables of the assignment.

2. Introduction

- 2.1 The Procuring agency named in the Data Sheet will select a consulting firm/organization (the Consultant) from those listed in the Letter of Invitation, in accordance with the method of selection specified in the Data Sheet.
- 2.2 The eligible Consultants (shortlisted if so) are invited to submit a Technical Proposal and a Financial Proposal, or a Technical Proposal only, as specified in the Data Sheet. The Proposal will be the basis for contract negotiations and ultimately for a signed Contract with the selected Consultant.
- 2.3 Consultants should familiarize themselves with rules / conditions and take them into account while preparing their Proposals. Consultants are encouraged to attend a pre-proposal conference if one is specified in the Data Sheet. Attending the pre-proposal conference is, however optional. Consultants may liaise with procuring agency's representative named in the Data Sheet for gaining better insight into the assignment.
- 2.4 Consultants shall bear all costs associated with the preparation and submission of their proposals and contract negotiation. The Procuring Agency reserves the right to annul the selection process at any time prior to Contract award, without thereby incurring any liability to the Consultants.
- 2.5 Procuring Agency may provide facilities and inputs as specified in Data Sheet.

3. Conflict of Interest

- 3.1.1 Consultants are required to provide professional, objective, and impartial advice and holding the Procuring Agency interest paramount. They shall strictly avoid conflict with other assignments or their own corporate interest. Consultants have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of the Procuring Agency, or that may reasonably be perceived as having such effect. Failure to disclose said situations may lead to the disqualification of the Consultant or the termination of its Contract.
- 3.1.2 Without limitation on the generality of the foregoing, Consultants, and any of their affiliates, shall be considered to have a conflict of interest and shall not be recruited, under any of the circumstances set forth below:
 - (i) A consultant that has been engaged by the procuring agency to provide goods, works or services other than

consulting services for a project, any of its affiliates, shall be disqualified from providing consulting services related to those goods, works or services. Conversely, a firm hired to provide consulting services for the preparation or implementation of a project, any of its affiliates, shall be disqualified from subsequently providing goods or works or services other than consulting services resulting from or directly related to the firm's consulting services for such preparation or implementation.

- (ii) A Consultant (including its Personnel and Sub-Consultants) or any of its affiliates shall not be hired for any assignment that, by its nature, may be in conflict with another assignment of the Consultant to be executed for the same or for another Procuring Agency.
- (iii) A Consultant (including its Personnel and Sub-Consultants) that has a business or family relationship with a member of the Procuring Agency's staff who is directly or indirectly involved in any part of (i) the preparation of the Terms of Reference of the assignment, (ii) the selection process for such assignment, or (iii) supervision of the Contract, may not be awarded a Contract, unless the conflict stemming from this relationship has been resolved.

Conflicting Relationships

3.2 Government officials and civil servants may be hired as consultants only if:

- (i) They are on leave of absence without pay;
- (ii) They are not being hired by the agency they were working for, six months prior to going on leave; and
- (iii) Their employment would not give rise to any conflict of interest.

4. Fraud and Corruption

It is Government's policy that Consultants under the contract(s), observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the Procuring Agency follows the instructions contained in Sindh Public procurement Rules 2010 which defines:

“ corrupt and fraudulent practices” includes the offering, giving, receiving, or soliciting, directly or indirectly of anything of value to influence the act of another party for wrongful gain or any act or omission ,including misrepresentation, that knowingly or recklessly misleads or attempt mislead a party to obtain a financial or other benefit or to avoid an obligation;

Under Rule 35 of SPPR2010, “The PA can inter-alia blacklist Bidders found to be indulging in corrupt or fraudulent practices. Such

barring action shall be duly publicized and communicated to the SPPRA. Provided that any supplier or contractor who is to be blacklisted shall be accorded adequate opportunity of being heard”.

5. Integrity Pact

Pursuant to Rule 89 of SPPR 2010 Consultant undertakes to sign an Integrity pact in accordance with prescribed format attached hereto for all the procurements estimated to exceed Rs. 2.5 million. (Annex-A)

6. Eligible Consultants

- 6.1 If short listing process has been undertaken through RFP, as outlined under Rule 73 and 74 of SPPR2010 for the Contract(s) for which these RFP documents are being issued, those firms - in case of Joint Ventures with the same partner(s) and Joint Venture structure - that had been pre-qualified are eligible.
- 6.2 Short listed consultants emerging from request of expression of interest are eligible.

7. Eligibility of Sub-Consultants

A shortlisted Consultant would not be allowed to associate with Consultants who have failed to qualify the short listing process.

8. Only one Proposal

Shortlisted Consultants may only submit one proposal. If a Consultant submits or participates in more than one proposal, such proposals shall be disqualified. Participation of the same Sub-Consultant, including individual experts, to more than one proposal is not allowed.

9. Proposal Validity

- 9.1 The Data Sheet indicates Proposals validity that shall not be more than 90 days in case of National Competitive Bidding (NCB) and 120 days in case of International competitive Bidding (ICB). During this period, Consultants shall maintain the availability of Professional staff nominated in the Proposal. The Procuring Agency will make its best effort to complete negotiations within this period. Should the need arise; however, the Procuring Agency may request Consultants to extend the validity period of their proposals. Consultants who agree to such extension shall confirm that they maintain the availability of the Professional staff nominated in the Proposal, or in their confirmation of extension of validity of the Proposal, Consultants may submit new staff in replacement, who would be considered in the final evaluation for contract award. Consultants who do not agree have the right to refuse to extend the validity of their Proposals.
- 9.2 Consultants shall submit required bid security along with financial proposal defined in the data sheet (which shall not be

less than one percent and shall not exceed five percent of bid amount).

10. Clarification and Amendment in RFP Documents

- 10.1 Consultants may request for a clarification of contents of the bidding document in writing, and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of proposal. The procuring agency shall communicate such response to all parties who have obtained RFP document without identifying the source of inquiry. Should the PA deem it necessary to amend the RFP as a result of a clarification, it shall do so.
- 10.2 At any time before the submission of Proposals, the Procuring Agency may amend the RFP by issuing an addendum/corrigendum in writing. The addendum shall be sent to all Consultants and will be binding on them. Consultants shall acknowledge receipt of all amendments. To give Consultants reasonable time in which to take an amendment into account in their Proposals the Procuring Agency may, if the amendment is substantial, extend the deadline for the submission of Proposals.

11. Preparation of Proposals

- 11.1 In preparing their Proposal, Consultants are expected to examine in detail the documents comprising the RFP. Material deficiencies (deviation from scope, experience and qualification of personnel) in providing the information requested may result in rejection of a Proposal.
- 11.2 The estimate number of professional staff months or the budget required for executing the assignment should be shown in the data sheet, but not both. However, proposal shall be based on the professional staff month or budget estimated by the consultant.

12. Language

- 12.1 The Proposal as well as all related correspondence exchanged by the Consultants and the Procuring Agency shall be written in English. However, it is desirable that the firm's Personnel have a working knowledge of the national and regional languages of Islamic Republic of Pakistan.

13. Technical Proposal Format and Content

- 13.1 While preparing the Technical Proposal, consultants must give particular attention to the following:
- (i) If a consultant considers that it does not have all the expertise for the assignment, it may obtain a full range of expertise by associating with individual consultant(s) and/or other firms or entities in a joint venture or sub-

consultancy, as appropriate. The international consultants are encouraged to seek the participation of local consultants by entering into a joint venture with, or subcontracting part of the assignment to, national consultants.

- (ii) For assignments on a staff-time basis, the estimated number of professional staff-months is given in the Data Sheet. The proposal shall, however, be based on the number of professional staff-months estimated by the firm. For fixed-budget-based assignments, the available budget is given in the Data Sheet, and the Financial Proposal shall not exceed this budget.
- (iii) It is desirable that the majority of the key professional staff proposed be permanent employees of the firm or have an extended and stable working relationship with it.
- (iv) Proposed professional staff must, at a minimum, have the experience indicated in the Data Sheet, preferably working under similar geographical condition.
- (v) Alternative professional staff shall not be proposed, and only one curriculum vitae (CV) shall submitted for each position.

13.2 The Technical Proposal shall provide the following information using the attached Standard Forms (Section 3):

- (i) A brief description of the consultant organization and an outline of recent experience on assignments (Section 3B) of a similar nature. For each assignment, the outline should indicate, *inter alia*, the profiles of the staff , duration of the assignment, contract amount, and firm's involvement.
- (ii) Any comments or suggestions on the Terms of Reference and on the data, a list of services, and facilities to be provided by the PA (Section 3C).
- (iii) The list of the proposed staff team by specialty, the tasks that would be assigned to each staff team member, and their timing (Section 3E).
- (iv) CVs recently signed by the proposed professional staff and the authorized representative submitting the proposal (Section 3F). Key information should include number of years working for the consultant and degree of responsibility held in various assignments during the last _____ (PA may give number of years as per their requirement) years.
- (v) Estimates of the total staff input (professional and support

staff; staff time) needed to carry out the assignment, supported by bar chart diagrams showing the time proposed for each professional staff team member (Sections 3E and 3G).

- (vi) A detailed description of the proposed methodology, work plan for performing the assignment, staffing, and monitoring of training, if the Data Sheet specifies training as a major component of the assignment (Section 3D).
- (vii) Any additional information requested in the Data Sheet.

13.3 The Technical Proposal shall not include any financial information.

14. Financial Proposals

14.1 The Financial Proposal shall be prepared using the attached Standard Forms (Section 4). It shall list all costs associated with the assignment, including (a) remuneration for staff (in the field and at the Consultants' office), and (b) reimbursable expenses indicated in the Data Sheet (if applicable). Alternatively Consultant may provide their own list of cost. If appropriate, these costs should be broken down by activity. All activities and items described in the Technical Proposal must be priced separately; activities and items described in the Technical Proposal but not priced, shall be assumed to be included in the prices of other activities or items.

15. Taxes

15.1 The Consultant will be subject to all admissible taxes including stamp duty and service charges at a rate prevailing on the date of contract agreement unless exempted by relevant tax authority.

16. Submission, Receipt, and Opening of Proposals

16.1 Proposal shall contain no interlineations or overwriting. Submission letters for both Technical and Financial Proposals should respectively be in the format of TECH-1 of Section 3, and FIN-1 of Section 4. All pages of the original Technical and Financial Proposals will be initialed by an authorized representative of the Consultants (Individual Consultant). The authorization shall be in the form of a written power of attorney accompanying the Proposal

16.2 All required copies of the Technical Proposal are to be made from the original. If there are discrepancies between the original and the copies of the Technical Proposal, the original governs.

16.3 The original and all copies of the Technical Proposal shall be placed in a sealed envelope clearly marked "TECHNICAL PROPOSAL" Similarly, the original Financial Proposal (if required under the selection method indicated in the Data Sheet)

shall be placed in a sealed envelope clearly marked “FINANCIAL PROPOSAL” followed by name of the assignment, and with a warning “**DO NOT OPEN WITH THE TECHNICAL PROPOSAL.**” If the Financial Proposal is not submitted in a separate sealed envelope duly marked as indicated above, this will constitute grounds for declaring the Proposal non-responsive.

- 16.4 The Proposals must be sent to the address indicated in the Data Sheet and received by the PA no later than the time and the date indicated in the Data Sheet, or any extension to this date. Any proposal received by the PA after the deadline for submission shall be returned unopened. In order to avoid any delay arising from the postal or PA’s internal despatch workings, Consultants should ensure that proposals to be sent through couriers should reach a day before the deadline for submission. .

17. Proposal Evaluation

- 17.1 From the time the Proposals are opened to the time the Contract is awarded, the Consultants should not contact the PA on any matter related to its Technical and/or Financial Proposal. Any effort by Consultants to influence the PA in the examination, evaluation, ranking of Proposals, and recommendation for award of Contract may result in the rejection of the Consultants’ Proposal.

Evaluators of Technical Proposals shall have no access to the Financial Proposals until the technical evaluation is concluded.

18. Evaluation of Technical Proposals

- 18.1 The evaluation committee shall evaluate the Technical Proposals on the basis of their responsiveness to the Terms of Reference, applying the evaluation criteria, sub-criteria, and point system specified in the Data Sheet. Each responsive Proposal will be given a technical score (St). A Proposal shall be rejected at this stage if it fails to achieve the minimum technical score indicated in the Data Sheet.

In the case of Quality-Based Selection, Selection Based on Consultant’s Qualifications, and Single-Source Selection, the highest ranked consultant or firm selected on a single-source basis is invited to negotiate its proposal and the contract on the basis of the Technical Proposal and the Financial Proposal submitted.

Public Opening and Evaluation of Financial Proposals: (LCS , QCBS, and Fixed Budget Selection Methods Only)

- 18.2 After the technical evaluation is completed, the PA shall notify in writing Consultants that have secured the minimum

qualifying marks, the date, time and location, allowing a reasonable time, for opening the Financial Proposals. Consultants' attendance at the opening of Financial Proposals is optional.

Financial proposals of those consultants who failed to secure minimum qualifying marks shall be returned unopened.

19. Evaluation of Financial Proposals

- 19.1 Financial Proposals shall be opened publicly in the presence of the Consultants' representatives who choose to attend. The name of the Consultants and the technical scores of the Consultants shall be read aloud. The Financial Proposal of the Consultants who met the minimum qualifying mark will then be inspected to confirm that they have remained sealed and unopened. These Financial Proposals shall be then opened, and the total prices read aloud and recorded. Copy of the record shall be sent to all Consultants.
- 19.2 The Evaluation Committee will correct any computational errors. When correcting computational errors, in case of discrepancy between a partial amount and the total amount, or between word and figures the formers will prevail. In addition to the above corrections, activities and items described in the Technical Proposal but not priced, shall be assumed to be included in the prices of other activities or items.
- 19.3 In case of **Least Cost Selection LCS Method**, the bid found to be the lowest evaluated bid shall be accepted.
- 19.4 **In case of Quality and Cost Based Selection QCBS Method** the lowest evaluated Financial Proposal (Fm) will be given the maximum financial score (Sf) of 100 points. The financial scores (Sf) of the other Financial Proposals will be computed as indicated in the Data Sheet. Proposals will be ranked according to their combined technical (St) and financial (Sf) scores using the weights (T = the weight given to the Technical Proposal; P = the weight given to the Financial Proposal; T + P = 1) indicated in the Data Sheet: $S = St \times T\% + Sf \times P\%$. The firm achieving the highest combined technical and financial score will be invited for negotiations.
- 19.5 In the case of Fixed-Budget and Quality Based Selection, the Procuring Agency will select the firm that submitted the highest ranked Technical Proposal.

- 20. Negotiations**
- 20.1 Negotiations will be held at the date and address indicated in the Data Sheet. The invited Consultant will, as a pre-requisite for attendance at the negotiations, confirm availability of all Professional staff. Failure in satisfying such requirements may result in the PA proceeding to negotiate with the next-ranked Consultant. Representatives conducting negotiations on behalf of the Consultant must have written authority to negotiate and conclude a Contract.
- 21. Technical negotiations**
- 21.1 Technical Negotiations will include a discussion of the Technical Proposal, the proposed technical approach and methodology, work plan, organization and staffing, and any suggestions made by the Consultant to improve the Terms of Reference. The PA and the Consultants will finalize the Terms of Reference, staffing schedule, work schedule, logistics, and reporting. These documents will then be incorporated in the Contract as “Description of Services”. Minutes of negotiations, which will be signed by the PA and the Consultant, will become part of Contract Agreement.
- 22. Financial negotiations**
- 22.1 If applicable, it is the responsibility of the Consultant, before starting financial negotiations, to contact the local tax authorities to determine the tax amount to be paid by the Consultant under the Contract. The financial negotiations will include a clarification (if any) of the firm’s tax liability, and the manner in which it will be reflected in the Contract; and will reflect the agreed technical modifications in the cost of the services. Consultants will provide the PA with the information on remuneration rates described in the Appendix attached to Section 4 (i.e. Financial Proposal - Standard Forms of this RFP).
- 23. Availability of Professional staff/experts**
- 23.1 Having selected the Consultant on the basis of, among other things, an evaluation of proposed Professional staff, the PA expects to negotiate a Contract on the basis of the Professional staff named in the Proposal. Before contract negotiations, the PA will require assurances that the Professional staff will be actually available. The PA will not consider substitutions during contract negotiations unless both parties agree that undue delay in the selection process makes such substitution unavoidable or for reasons such as death or medical incapacity. If this is not the case and if it is established that Professional staff were offered in the proposal without confirming their availability, the Consultant may be disqualified. Any proposed substitute shall have equivalent or better qualifications and experience than the original candidate and be submitted by the Consultant within

the period of time specified in the letter of invitation to negotiate.

24. Award of Contract

24.1 After completing negotiations, the Procuring Agency shall award the Contract to the selected Consultant and within seven of the award of contract, Procuring Agency shall publish on the website of the Authority and on its own website, if such a website exists, the result of the bidding process, identifying the bid through procuring identifying number, if any and the following information, evaluation report, form of contract and letter of award, bill of quantity or schedule of requirement, as the case may be.

24.2 After publishing of award of contract consultant required to submit a performance security at the rate indicated in data sheet.

24.3 The Consultant is expected to commence the assignment on the date and at the location specified in the Data Sheet.

25. Confidentiality

Information relating to evaluation of Proposals and recommendations concerning awards shall not be disclosed to the Consultants who submitted the Proposals or to other persons not officially concerned with the process, until the publication of the award of Contract. The undue use by any Consultant of confidential information related to the process may result in the rejection of its Proposal.

DATA SHEET

2.1	Name of the Assignment is: “Recharge Pakistan: Building Pakistan’s resilience to climate change through Ecosystem-based Adaptation (EbA) and Green Infrastructure (GI) for integrated flood risk management – Sindh (Irrigation Component)” The Name of the PA’s Official(s): Office of the Superintending Engineer Small Dams Circle Sindh Hyderabad adjacent SIDA Secretariat Barrage Colony Pathan Colony Hyderabad Email: se_sdo@hotmail.com Telephone No: 022-2633373
2.1	The method of selection is: Quality and Cost Based Selection (QCBS) Method The Edition of the Guidelines is: Sindh Public Procurement Rules 2010 (Amended 2019)
2.2	Technical and Financial Proposal shall be submitted in separate envelope.
2.5	The PA will provide the following inputs and facilities: N/A
5	Consultant undertake to sign Integrity Pact for the procurement estimated to exceed Pak Rs.2.5 million.
6	Not applicable
7	Not applicable
9	Proposals must be valid 90 days after the submission date
10	Clarifications may be requested not later than seven days before the submission date. The address for requesting clarifications is: Office of the Superintending Engineer Small Dams Circle Sindh Hyderabad adjacent SIDA Secretariat Barrage Colony Pathan Colony Hyderabad Email: se_sdo@hotmail.com Telephone No: 022-2633373
11	The minimum estimated number of professional staff-months required for the assignment is: 110 (Key Staff)
12	The Proposal as well as all related correspondence exchanged by the Consultants and the Procuring Agency shall be written in English However it is desirable that the firm’s Personnel have a working knowledge of the national and regional languages of Islamic Republic of Pakistan.
13	The format of the Technical Proposal to be submitted is: FTP

18	Criteria, sub-criteria, and point system for the evaluation of the Full Technical Proposals: Quality and Cost Based Selection (“QCBS”) For consultancy assignments valued greater than PKR100,000, the QCBS will be applied using a formal bidding process. The QCBS methodology evaluates proposals against technical and financial criteria against a maximum score of 100 points. The weighting of the evaluation is as follows: ● Technical Proposal: 70% ● Financial Proposal: 30% 2. Technical Proposal The following criteria shall be applied for evaluating technical proposals: ▪ Qualifications working in rural Pakistan creating detailed designs and building grey-green infrastructure solutions to reduce flooding and drought using natural materials and meant to enhance the functioning of existing ecosystems. These solutions should include flood protection embankments, flood dispersal embankments, gabion bunds, and small and large water retention areas (maximum 30 points) ▪ Experience relevant to the assignment (maximum 30 points) ▪ Adequacy of the proposed methodology and work plan (maximum 20 points) ▪ Skills & competencies required for the assignment (maximum 10 points) ▪ Prior experience with the PP (maximum 10 points) These key areas shall be evaluated against the Terms of Reference. The final score of the technical proposal shall be summed up by using the following formula: Technical Score = points scored / 100 x 70 3. Financial Proposal Only the proposals with a score equal to or greater than 60 points for the Technical Evaluation shall be considered for financial evaluation. The score for the financial proposal shall be calculated using the following formula: Financial Score = lowest quoted price / quoted price x 30
----	--

14.1	All the reimbursable direct cost to be indicated by the Consultant are: Refer Form FIN-5 Breakdown of Reimbursable Expenses of Section 4. Financial Proposal – Standard Forms
15.1	Amounts payable by the PA to the Consultant under the contract to be subject to local taxation, stamp duty and service charges
16.2	Consultant must submit the original and one copy of the Technical Proposal and the original of the Financial Proposal.
16.4	The Proposal submission address is: Office of the Superintending Engineer Small Dams Circle Sindh Hyderabad adjacent SIDA Secretariat Barrage Colony Pathan Colony Hyderabad. Email: se_sdo@hotmail.com Telephone No: 022-2633373 Proposals must be submitted no later than the following date and time: Date: Time: The Proposals will be opened in the same office and on the same day @ _____ in the presence of authorized representatives of the firms who wish to present.
18.1	The method of selection is: Quality and Cost Based Selection (QCBS) Method The Edition of the Guidelines is: Sindh Public Procurement Rules 2010 (Amended 2019).
19.4	The formula for determining Financial Score is the following: $S_f = 100 \times F_m / F$ In which S_f is the Financial Score. F_m is the lowest price and F is the price of proposal under consideration. The weight given to Technical and Financial proposals are: $T = 70\%$ $P = 30\%$ Proposals will be ranked according to their combined technical (S_t) and financial (S_f) scores using the weight (T = the weight given to the technical proposal; P = the weight given to the financial proposal; $T+P=1$) as follows: $S = S_t \times T \% + S_f \times P \%$ <u>*The details of Technical Proposal is given below the Data sheet table.</u>
24.2	10% of the Accepted Contract Price
24.3	Expected date for commencement of consulting services _____.

***Technical proposal 70% Score detail are as under: -**

Evaluation Criteria

Sr. #	Description	Total Marks
1	Total Marks	100

1. Technical Evaluation Criteria (Total 100 Marks)

Sr. #	Description	Total Marks
1.1	QUALIFICATIONS WORKING IN RURAL SINDH	30
1.2	EXPERIENCE RELEVANT TO THE ASSIGNMENT	30
1.3	ADEQUACY OF THE PROPOSED METHODOLOGY AND WORK PLAN	20
1.4	SKILLS & COMPETENCIES REQUIRED FOR THE ASSIGNMENT	10
1.5	PRIOR EXPERIENCE WITH THE PROCURING ENTITY	10

1.1 QUALIFICATIONS WORKING IN RURAL PAKISTAN - Incremental - Document

Sr. #	Qualifications working in rural Pakistan creating detailed designs and building grey-green infrastructure solutions to reduce flooding and drought using natural materials and meant to enhance the functioning of existing ecosystems. These solutions should include flood protection embankments, flood dispersal embankments, gabion bunds, and small and large water retention areas.	Required Documents	Obtained Marks	Total Marks
1.1.1	Completed at least one (01) project in Sindh with a value of PKR 60 million or above showing similar nature and complexity	Letter of Acceptance, First 3 Pages of Signed Contract Agreement, Certificate of completion		10
1.1.2	Completed at least two (02) grey-green infrastructure projects in rural Pakistan in last 15 years (*5 marks for each project)	Letter of Acceptance, First 3 Pages of Signed Contract Agreement, Certificate of completion		10
1.1.3	At least one (01) ongoing grey-green infrastructure project in rural Pakistan	Work Order/Contract Agreement		10

1.2 EXPERIENCE RELEVANT TO THE ASSIGNMENT - Incremental - Document

Sr. #	Relevant experience shall include projects, such as flood protection and dispersal embankments, river training works, small and delay action dams, check dams, recharge and retention ponds, watershed management, wetland restoration, gabion structures for erosion control and other community-based resilience projects including climate-resilient irrigation. (Water resource projects)	Required Documents	Obtained Marks	Marks
1.2.1	Completed at least one (01) water resources project in Sindh with value $\geq$ PKR 60 million	Letter of Acceptance, First 3 Pages of Signed Contract Agreement, Certificate of completion		10
1.2.2	Completed at least two (02) water resources projects in last 15 years showing similar nature and complicity (*5 marks for each project)	Letter of Acceptance, First 3 Pages of Signed Contract Agreement, Certificate of completion		10
1.2.3	At least one (01) ongoing water resources project	Letter of Acceptance, First 3 Pages of Signed Contract Agreement		10

1.3 ADEQUACY OF THE PROPOSED METHODOLOGY & WORK PLAN - Incremental – Document

Sr. #	Work plan & Activity Schedule (Proposed work plan and activity schedule in response to Terms of Reference (TOR) on the form mentioned in the bidding documents.) The evaluation shall be carried out on the following sub-criteria:	Total Marks
1.3.1	Technical Approach & Methodology	10
1.3.2	Work Plan & Deliverables	10

1.3.1 Technical Approach & Methodology - Conditional - Document

Sr. #	TOR specific, demonstration and linkage with project objectives.	Documents Required	Total Marks
1.3.1.1	Fully comprehensive, TOR specific, and demonstrates clear linkage with project objectives.	TOR specific, demonstration and linkage with project objectives.	10
1.3.1.2	Partially comprehensive, addresses TOR requirements but with gaps in approach or clarity.	TOR specific, demonstration and linkage with project objectives.	8
1.3.1.3	Generic,	TOR specific, demonstration and linkage with project objectives.	5
1.3.1.4	Vague, or not relevant to TOR.	TOR specific, demonstration and linkage with project objectives.	1

1.3.2 Work Plan & Deliverables - Conditional - Document

Sr. #	Detailed Work Plan & Deliverables	Documents Required	Total Marks
1.3.2.1	Detailed, realistic, and time-bound plan with clear deliverables and milestones	Detailed Work Plan & Deliverables	10
1.3.2.2	Work plan provided but lacks sufficient detail or clarity in timelines/milestones	Detailed Work Plan & Deliverables	8
1.3.2.3	Inadequate,	Detailed Work Plan & Deliverables	5
1.3.2.4	Unrealistic, or missing work plan.	Detailed Work Plan & Deliverables	1

1.4 SKILLS & COMPETANCIES REQUIRED FOR THE ASSIGNMENT - Incremental - Document

Sr. #	Specific & Geographical Experience	Total Marks
1.4.1	Project Manager/ Team Leader (Bachelor's or Master's degree & Above water resources/Civil Engineer with Experience including leadership of similar projects in arid/ hill-torrent regions.)	2
1.4.2	Senior Hydraulic/ Hydrology Expert (Bachelor's or Master's in water resources /civil, with experience)	2
1.4.3	Structural Design Engineer (Bachelor's or Master's in water resources /civil, With experience)	2
1.4.4	Environmental Specialist (Bachelor's or Master's in Environmental Science, with experience)	2
1.4.5	Geotechnical Engineer (Bachelor's or Master's in Geotechnical/Civil Engineering, with experience)	2

Experience Requirements

Project Manager/ Team Leader (Bachelor's or Master's degree & Above water resources/Civil Engineer with Experience including leadership of similar projects in arid/ hill-torrent regions.) - Incremental - Document			
Sr. #	Experience	Required Documents	Total Marks
1.4.1.1	Must have at least 07 years of experience in leading a team of experts on water resources projects such as flood protection embankments, flood dispersal embankments, gabion bunds, and small and large water retention areas.	Resume & employment evidence / Certificate	1
1.4.1.2	Must have at least 01 years of experience in leading a team of experts on water resources projects such as flood protection embankments, flood dispersal embankments, gabion bunds, and small and large water retention areas in Sindh.	Resume & employment evidence / Certificate	1

Senior Hydraulic/ Hydrology Expert (Bachelor's or Master's in water resources /civil, with experience) - Incremental - Document			
Sr. #	Experience	Required Documents	Total Marks
1.4.2.1	Must have at least 07 years of experience in working as a Hydrologist on water resources projects such as flood protection embankments, flood dispersal embankments, gabion bunds, and small and large water retention areas.	Resume & employment evidence / Certificate	1
1.4.2.2	Must have at least 01 years of experience in working as a Hydrologist on water resources projects such as flood protection embankments, flood dispersal embankments, gabion bunds, and small and large water retention areas in Sindh.	Resume & employment evidence / Certificate	1

Structural Design Engineer (Bachelor's or Master's in water resources /civil, With experience) - Incremental - Document			
Sr. #	Experience	Required Documents	Total Marks
1.4.3.1	Must have at least 07 years of experience in working as a Structural / Design Engineer on water resources projects such as flood protection embankments, flood dispersal embankments, gabion bunds, and small and large water retention areas.	Resume & employment evidence / Certificate	1
1.4.3.2	Must have at least 01 years of experience in working as a Structural / Design Engineer on water resources projects such as flood protection embankments, flood dispersal embankments, gabion bunds, and small and large water retention areas in Sindh.	Resume & employment evidence / Certificate	1

Environmental Specialist (Bachelor's or Master's in Environmental Science, with experience) - Incremental - Document			
Sr. #	Experience	Required Documents	Total Marks
1.4.4.1	Must have at least 07 years of experience in working as a Environmental Specialist on water resources projects such as flood protection embankments, flood dispersal embankments, gabion bunds, and small and large water retention areas.	Resume & employment evidence / Certificate	1
1.4.4.2	Must have at least 01 years of experience in working as a Environmental Specialist on water resources projects such as flood protection embankments, flood dispersal embankments, gabion bunds, and small and large water retention areas.in Sindh.	Resume & employment evidence / Certificate	1

Geotechnical Engineer (Bachelor's or Master's in Geotechnical/Civil Engineering, with experience) - Incremental - Document			
Sr. #	Experience	Required Documents	Total Marks
1.4.5.1	Must have at least 07 years of experience in working as a Geotechnical Engineer on water resources projects such as flood protection embankments, flood dispersal embankments, gabion bunds, and small and large water retention areas.	Resume & employment evidence / Certificate	1
1.4.5.2	Must have at least 01 year1 of experience in working as a Geotechnical Engineer on water resources projects such as flood protection embankments, flood dispersal embankments, gabion bunds, and small and large water retention areas in Sindh.	Resume & employment evidence / Certificate	1

1.5 PRIOR EXPERIENCE WITH THE PROCURING ENTITY - Incremental - Document

Sr. #	The project executed and completed with Irrigation Department (Sindh) during last fifteen (15) years	Required Documents	Total Marks
1.5.1	Similar Nature (1) Project.	Letter of Acceptance, First 3 Pages of Signed Contract Agreement, Certificate of completion	2
1.5.2	If No of Similar Projects is more than 1 then 2 Additional Marks will be given.	Letter of Acceptance, First 3 Pages of Signed Contract Agreement, Certificate of completion	2
1.5.3	Flood Protection/River Training works nature (1) Project	Letter of Acceptance, First 3 Pages of Signed Contract Agreement, Certificate of completion	2
1.5.4	Flood Protection / River Training works nature in specific area (Dadu and Jamshoro District)	Letter of Acceptance, First 3 Pages of Signed Contract Agreement, Certificate of completion	2
1.5.5	Other (02) projects.	Letter of Acceptance, First 3 Pages of Signed Contract Agreement, Certificate of completion	2

PROFESSIONAL STAFF REQUIRED FOR THE ASSIGNMENT

Detailed Design Stage (Phase 1 and 2)

S. No	Key Staff	Staff Months (MM)
1	Project Manager / Team Leader - Water Resources/Civil Engineer with Master's degree and 15+ years' experience or Bachelor's degree with 20 years of experience, including leadership of similar projects in arid/hill-torrent regions.	24
2	Ecologist / Limnologist - Master's Degree in Ecology, Biological Sciences, or a closely related field with Minimum 7–10 years of practical experience in Field ecology, Biodiversity impact assessments, Critical habitat and species sensitivity analysis, Habitat restoration and conservation planning (Intermittent)	6
3	Bio-Engineering Expert - Master's degree in Civil Engineering, Environmental Engineering, Agricultural Engineering, or related disciplines combined with demonstrated specialization or field experience in bio-engineering or nature-based flood management. Demonstrated experience in integrating bio-engineering solutions (e.g., vegetative reinforcement, live check dams, brush layering, vegetative bunds, fascines, and riparian vegetation restoration) into structural flood protection designs. Minimum 7–10 years of professional experience in the planning, design, and implementation of bio-engineering or ecosystem-based flood protection interventions. (Intermittent)	6
4	Senior Hydraulic/ Hydrology Expert - A qualified civil engineer with a master's degree in water resources, hydrology, or a related field, having a minimum of 10 years of professional experience, including at least 5 years in flood risk management and watershed-scale planning. The engineer must have proven experience in the design and implementation of Nature-based Solutions (NbS), ecosystem-based flood management, and green infrastructure. The water resources engineer shall conduct catchment-wide hydrological assessments and hydrological modelling to evaluate surface water flow, rainfall-runoff behavior, and flood risks, and provide input into the site-specific designs and locations of the EbA and GI interventions planned under the project. (Intermittent)	6
5	Structural Design Engineer - A qualified Civil Engineer with a Master's degree in Structural Engineering, having at least 7 - 10 years of experience in the design and supervision of hydraulic and structural components of water resources and flood protection infrastructure projects. The engineer must have demonstrated experience in the design of flood protection embankments, retaining walls, water retention structures, check dams, weirs, etc. Familiarity with integrating grey and green infrastructure (e.g., bioengineered revetments, eco-friendly retaining structures) is highly desirable. The Structural Engineer will review site conditions, prepare structural designs and drawings, and supervise construction to verify structural integrity. The Structural Engineer will work closely with the Water Resources Engineer/Hydrologist and Environmental & Social Safeguards Specialist to ensure that the technical design of the interventions meet the criteria of Nature based Solutions (NbS), thereby contributing to the overall resilience and sustainability of the project. (Intermittent)	8
6	Procurement / Contract Specialist - Bachelor's degree in Civil Engineering, Business Administration, Supply Chain Management, Economics, or a related field from a recognized institution, with a minimum of 10+ years of relevant professional experience in public procurement and contract management. The expert must have demonstrated experience in preparing and managing bidding and tender documents for civil works contracts, preferably within large-scale infrastructure or flood risk management projects. A thorough understanding of national and international procurement procedures (such as SPPRA, World Bank, or ADB guidelines) is essential. The specialist should possess strong skills in drafting Request for Proposals (RFPs), Bills of Quantities (BoQs), bid evaluation reports, and contract agreements.	6

S. No	Key Staff	Staff Months (MM)
7	Geo-technical Engineer - A qualified civil engineer with a Master's degree or higher in Geo-technical Engineering and at least 7 - 10 years of experience working in a similar capacity on water resource and flood management projects. The Geo-technical Engineer will be responsible for initial site investigations, baseline data collection and analysis, designing foundations for hydraulic structures (such as flood protection embankments, gabion bunds, etc.), undertaking geotechnical investigations, carrying out necessary field and laboratory tests, and inspecting the quality of materials used in construction. (Intermittent)	6
8	Environmental, Social & Gender Specialist - A qualified expert with a Master's degree in Environmental Sciences, Development Studies, Sociology or a related discipline, and at least 7 - 10 years of experience in developing Environmental and Social Management Plans (ESMPs), Livelihood Restoration Plans and Indigenous Peoples Plans, if required, conducting Environmental and Social Impact Assessments (ESIAs), carrying out environmental and social risk assessments, conducting socio-economic field surveys, resettlement and land-use assessments, gender and social safeguards assessments, and livelihoods assessments and designing and implementing mitigation measures in the context of flood risk management projects. The specialist will be responsible for ensuring due diligence in environmental, social and gender safeguards, monitoring the implementation of the ESMP throughout the project implementation stage, undertaking necessary mitigation measures in close consultation with relevant stakeholders to address adverse environmental and social impacts, and submitting monitoring reports. (Intermittent)	6
9	GIS Specialist/Climate Modeller - Bachelors in GIS/Geo-informatics, Atmospheric Sciences, Earth System Science, or a related field with a minimum of 7 - 10 years of experience in climate modeling and scenario-based risk assessment. The specialist must have demonstrated expertise in applying regional and global climate models (e.g., CMIP5/6, GCMs, RCMs) and down-scaling techniques to simulate and analyze climate projections under RCP 4.5 or comparable scenarios. The Climate Modeler will be responsible for assessing climate risks and vulnerabilities, projecting temperature and precipitation trends, and evaluating hydro-meteorological impacts on GI interventions in the project areas. (Intermittent)	6
	Non Key Staff	
10	AutoCAD Draughtsman – The expert should have a DAE in Civil Engineering from a recognized technical institute along with a Certificate or Diploma in AutoCAD, and at least 05 years of relevant experience. The candidate must be proficient in preparing cross-sections and L-sections in AutoCAD and Excel, importing coordinates between AutoCAD and Google Earth, and using AutoCAD Civil 3D. The candidate should also be capable of converting UTM coordinates to latitude and longitude (and vice versa) in Excel, adding pictures and links to placemarks in Google Earth, opening Google Maps in AutoCAD, and inserting photos in MS Word.	6
	Sub-Total A — Detailed Design Stage	80 MM

Construction Supervision Stage (Phase 3)

S. No	Key Staff	Staff Months (MM)
1	Resident Engineer - A qualified Civil Engineer with a Master's degree in Structural Engineering/Water Resources/Geotechnical/Construction Management, having at least 10 years of experience in the supervision of hydraulic and structural components of water resources and flood protection infrastructure projects. The expert must possess thorough understanding of flood control systems, such as levees, embankments, drainage channels, and retention basins and will be responsible for overseeing day-to-day construction activities, ensuring compliance with approved drawings and technical specifications, coordinating with contractors, and maintaining rigorous quality assurance and control procedures. The RE will also be responsible for monitoring progress against the project schedule, managing site safety and environmental protection measures, reviewing and certifying contractor submissions and work completed, and preparing detailed progress reports.	18
2	Procurement / Contract Specialist - Bachelor's degree in Civil Engineering, Business Administration, Supply Chain Management, Economics, or a related field from a recognized institution, with a minimum of 10+ years of relevant professional experience in public procurement and contract management. The expert must have demonstrated experience in preparing and managing bidding and tender documents for civil works contracts, preferably within large-scale infrastructure or flood risk management projects. A thorough understanding of national and international procurement procedures (such as SPPRA, World Bank, or ADB guidelines) is essential. The specialist should possess strong skills in drafting Request for Proposals (RFPs), Bills of Quantities (BoQs), bid evaluation reports, and contract agreements.	18
	Non Key Staff	
3	Material and QA/QC Engineer - Bachelor's degree in Civil or Materials Engineering from a recognized institution, with 7–10 years of relevant experience in quality assurance and quality control of civil works, preferably in flood risk management, water resources, or infrastructure development projects. The candidate should have a thorough understanding of construction materials, testing procedures, and national/international quality standards related to concrete, aggregates, soil, steel, and geotechnical works. Experience in establishing and managing onsite material testing laboratories, conducting field and laboratory tests, and ensuring compliance with design specifications and technical requirements is essential. The QA/QC Engineer should be well-versed in preparing quality control plans, inspection checklists, and test reports, and in ensuring that contractors adhere to approved construction methodologies and quality benchmarks.	18
4	Surveyor (2 No) - DAE in Civil or Certificate in Surveying having 05-10 Years experience in construction, supervision, site survey with level and Total station, GPS management, managing site record, skilled in preparation of site plans, drawings, cross sections, command over MS Word, Excel.	36
5	Site Inspector - DAE or a Bachelor's degree in Civil Engineering from a recognized institution, with at least 7–10 years of relevant experience in supervising or inspecting civil works, preferably in flood risk management, water resources, or infrastructure development projects. Strong understanding of construction methods, materials, quality control standards, and safety	18

	protocols. Experience in inspecting structures such as flood protection bunds, embankments, water retention areas, and drainage systems is highly desirable. The Site Inspector must be proficient in interpreting engineering drawings, specifications, and Bills of Quantities (BoQs) to ensure that works are executed in accordance with approved designs and technical standards.	
6	Quantity Surveyor - Diploma in Civil with 10+ years of experience in quantity surveying of civil works, proficient at MS Word, Excel, Power point, managing coordinates at Google earth pro, Auto cad, Preparation of IPC's, Preparation of Estimates, Variation order, Escalation bills, GPS management, skilled in preparation of site plans, drawings, cross sections.	18
7	Environmental, Social & Gender Safeguard Officer - A qualified expert with a Master's degree in Environmental Sciences, Development Studies, Sociology or a related discipline, and at least 5 - 7 years of experience in monitoring the implementation of the ESMPs, IPPs, LRPs throughout the project implementation stage, undertaking necessary mitigation measures in close consultation with relevant stakeholders to address adverse environmental, social and gender impacts, and submitting monitoring reports. (Intermittent)	6
8	Laboratory Technician-LT. Should have Certificate/Diploma in the relevant field with minimum 5-7 years' experience. Having professionalism in performing various tests on construction materials like soil, concrete, stone, and asphalt etc to ensure they meet quality and safety standards. Having experience of working in both laboratory and field settings, preparing and conducting tests, recording data, and assisting engineers in analyzing results.	12
9	Admin and Finance Assistant - Bachelor's degree in finance, accounting, or commerce with at least 3-5 years of administrative, Finance and office management experience, including bookkeeping, voucher preparation, financial reporting, MS Excel, record-keeping, coordination, and communication skills.	18
10	Auto Cad Operator/ Document Controller. Should have Diploma of I.T from recognized institution and 05 Years experience in office working.	18
11	Drivers (2 No) - Valid LTV/HTV driving license with minimum 5 years of safe driving experience and knowledge of basic vehicle maintenance.	36
12	Office Boy- Should have SSC and having 03 years experience in office working procedure	18
13	Chowkidar -(2 No) Should have SSC and having 03 years experience in relevant job	36
	Sub-Total B - Construction Supervision Stage	270
	Total (A + B):	350 MM

Total Key Staff= 110 MM

Total Non Key staff =240 MM

Total Staff= 350 MM

SECTION 3. TECHNICAL PROPOSAL - STANDARD FORMS

Form TECH-1.	Technical Proposal Submission Form
Form TECH-2.	Consultant's Organization and Experience A - Consultant's Organization B - Consultant's Experience
Form TECH-3.	Comments and Suggestions on the Terms of Reference and on Counterpart Staff and Facilities to be Provided by the PA A - On the Terms of Reference B - On Counterpart Staff and Facilities
Form TECH-4.	Description of Approach, Methodology and Work Plan for Performing the Assignment
Form TECH-5.	Team Composition and Task Assignments
Form TECH-6.	Curriculum Vitae (CV) for Proposed Professional Staff
Form TECH-7.	Staffing Schedule
Form TECH-8.	Work Schedule

FORM TECH-1. TECHNICAL PROPOSAL SUBMISSION FORM

[Location, Date]

To: [Name and address of PA]

Dear Sirs:

We, the undersigned, offer to provide the consulting services for [Insert title of assignment] in accordance with your Request for Proposal dated [Insert Date] and our Proposal. We are hereby submitting our Proposal, which includes this Technical Proposal, and a Financial Proposal sealed under a separate envelope¹.

We are submitting our Proposal in association with: [Insert a list with full name and address of each associated Consultant]²

We hereby declare that all the information and statements made in this Proposal are true and accept that any misinterpretation contained in it may lead to our disqualification.

If negotiations are held during the period of validity of the Proposal, i.e., before the date indicated in the Data Sheet, we undertake to negotiate on the basis of the proposed staff. Our Proposal is binding upon us and subject to the modifications resulting from Contract negotiations.

We undertake, if our Proposal is accepted, to initiate the consulting services related to the assignment not later than the date indicated in the Data Sheet.

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature [In full and initials]: _____

Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

1 [In case Paragraph Reference 1.2 of the Data Sheet requires to submit a Technical Proposal only, replace this sentence with: "We are hereby submitting our Proposal, which includes this Technical Proposal only."]

2 [Delete in case no association is foreseen.]

For FTP Only

FORM TECH-2. CONSULTANT'S ORGANIZATION AND EXPERIENCE

A - Consultant's Organization

[Provide here a brief (two pages) description of the background and organization of your firm/entity and each associate for this assignment.]

B - Consultant's Experience *(Last Ten Years)*

[Using the format below, provide information on each assignment for which your firm, and each associate for this assignment, was legally contracted either individually or as a corporate entity or as one of the major companies within an association, for carrying out consulting services similar to the ones requested under this assignment. Use 20 pages.]

Assignment name:	Approx. value of the contract:
Country: Location within country:	Duration of assignment (months):
Name of PA:	Total No of staff-months of the assignment:
Address:	Approx. value of the services provided by your firm under the contract:
Start date (month/year): Completion date (month/year):	No of professional staff-months provided by associated Consultants:
Name of associated Consultants, if any:	Name of senior professional staff of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader):
Narrative description of Project:	
Description of actual services provided by your staff within the assignment:	

Firm's Name: _____

For FTP Only

FORM TECH-3. COMMENTS AND SUGGESTIONS ON THE TERMS OF REFERENCE AND ON COUNTERPART STAFF AND FACILITIES TO BE PROVIDED BY THE PA

A - On the Terms of Reference

[Present and justify here any modifications or improvement to the Terms of Reference you are proposing to improve performance in carrying out the assignment (such as deleting some activity you consider unnecessary, or adding another, or proposing a different phasing of the activities). Such suggestions should be concise and to the point, and incorporated in your Proposal.]

B - On Counterpart Staff and Facilities

[Comment here on counterpart staff and facilities to be provided by the PA according to Paragraph Reference 1.4 of the Data Sheet including: administrative support, office space, local transportation, equipment, data, etc.]

FORM TECH-4. DESCRIPTION OF APPROACH, METHODOLOGY AND WORK PLAN FOR PERFORMING THE ASSIGNMENT

(For small or very simple assignments the PA should omit the following text in *Italic*)

[Technical approach, methodology and work plan are key components of the Technical Proposal. You are suggested to present your Technical Proposal (50 pages, inclusive of charts and diagrams) divided into the following three chapters:

- a) Technical Approach and Methodology,*
- b) Work Plan, and*
- c) Organization and Staffing,*

a) Technical Approach and Methodology. In this chapter you should explain your understanding of the objectives of the assignment, approach to the services, methodology for carrying out the activities and obtaining the expected output, and the degree of detail of such output. You should highlight the problems being addressed and their importance, and explain the technical approach you would adopt to address them. You should also explain the methodologies you propose to adopt and highlight the compatibility of those methodologies with the proposed approach.

b) Work Plan. In this chapter you should propose the main activities of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the PA), and delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents, including reports, drawings, and tables to be delivered as final output, should be included here. The work plan should be consistent with the Work Schedule of Form TECH-8.

c) Organization and Staffing. In this chapter you should propose the structure and composition of your team. You should list the main disciplines of the assignment, the key expert responsible, and proposed technical and support staff.]

FORM TECH-5. TEAM COMPOSITION AND TASK ASSIGNMENTS

Name of Staff	Firm	Position Assigned	Task Assigned

**FORM TECH-6. CURRICULUM VITAE (CV) FOR PROPOSED
PROFESSIONAL STAFF**

1. Proposed Position:

2. Name of Firm:

3. Name of Staff:

4. Date of Birth:

Nationality:

5. Education:

6. Membership of Professional Associations:

7. Other Training

8. Languages

9. Employment Record

From:	
Employer:	
Positions Held:	

10. Detailed Tasks Assigned as per Component of Evaluation

11. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned:
1) Name of assignment or project: Year: Location: Client: Main project features: Positions held: Activities performed:

12. Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Signature of staff member or authorized representative of the staff

Date: _____
Day/Month/Year

Full name of authorized representative: _____

FORM TECH-7. STAFFING SCHEDULE¹

N°	Name of Staff	Staff input (in the form of a bar chart) ²													Total staff-month input		
		1	2	3	4	5	6	7	8	9	10	11	12	n	Home	Field ³	Total
Foreign																	
1		[Home] [Field]															
2																	
3																	
n																	
										Subtotal							
Local																	
1		[Home] [Field]															
2																	
n																	
										Subtotal							
										Total							

- 1 For Professional Staff the input should be indicated individually; for Support Staff it should be indicated by category (e.g.: draftsmen, clerical staff, etc.).
- 2 Months are counted from the start of the assignment. For each staff indicate separately staff input for home and field work.
- 3 Field work means work carried out at a place other than the Consultant's home office.



Full time input



Part time input

FORM TECH-8. WORK SCHEDULE

N°	Activity ¹	Months ²												
		1	2	3	4	5	6	7	8	9	10	11	12	n
1														
2														
3														
4														
5														
n														

- 1 Indicate all main activities of the assignment, including delivery of reports (e.g.: inception, interim, and final reports), and other benchmarks such as PA approvals. For phased assignments indicate activities, delivery of reports, and benchmarks separately for each phase.
- 2 Duration of activities shall be indicated in the form of a bar chart.

SECTION 4. FINANCIAL PROPOSAL - STANDARD FORMS

[Comments in brackets [] provide guidance to the shortlisted Consultants for the preparation of their Financial Proposals; they should be deleted from the Financial Proposals to be submitted.]

Financial Proposal Standard Forms shall be used for the preparation of the Financial Proposal according to the instructions provided under para. 3.6 of Section 2. Such Forms are to be used whichever is the selection method indicated in para. 4 of the Letter of Invitation.

[The Appendix “Financial Negotiations - Breakdown of Remuneration Rates” is to be only used for financial negotiations when Quality-Based Selection, Selection Based on Qualifications, or Single-Source Selection method is adopted, according to the indications provided under para. 6.3 of Section 2.]

Form FIN-1. Financial Proposal Submission Form

Form FIN-2. Summary of Costs

Form FIN-3. Breakdown of Costs by Activity

Form FIN-4. Breakdown of Remuneration

Form FIN-4. Breakdown of Remuneration

Form FIN-5. Breakdown of Reimbursable Expenses

Form FIN-5. Breakdown of Reimbursable Expenses

Appendix. Financial Negotiations - Breakdown of Remuneration Rates

FORM FIN-1. FINANCIAL PROPOSAL SUBMISSION FORM

[Location, Date]

To: [Name and address of PA]

Dear Sirs:

We, the undersigned, offer to provide the consulting services for [Insert title of assignment] in accordance with your Request for Proposal dated [Insert Date] and our Technical Proposal. Our attached Financial Proposal is for the sum of [Insert amount(s) in words and figures¹].

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal, i.e. before the date indicated in Paragraph Reference 1.12 of the Data Sheet.

Commissions and gratuities paid or to be paid by us to agents relating to this Proposal and Contract execution, if we are awarded the Contract, are listed below²:

Name and Address of Agents	Amount and Currency	Purpose of Commission or Gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature [In full and initials]: _____ Name
and Title of Signatory: _____ Name
of Firm: _____ Address:

1 Amounts must coincide with the ones indicated under Total Cost of Financial proposal in Form FIN-2.

2 If applicable, replace this paragraph with: "No commissions or gratuities have been or are to paid by us to agents relating to this Proposal and Contract execution."

FORM FIN-2.SUMMARY OF COSTS

Item	Costs	
	<i>Indicate Foreign Currency</i>	<i>Indicate Local Currency</i>
Total Costs of Financial Proposal ²		

- 1 Indicate between brackets the name of the foreign currency. Maximum of three currencies; use as many columns as needed, and delete the others.
- 2 Indicate the total costs excluding local taxes to be paid by the PA in each currency. Such total costs must coincide with the sum of the relevant Subtotals indicated in all Forms FIN-3 provided with the Proposal.

FORM FIN-3. BREAKDOWN OF COSTS BY ACTIVITY¹

Group of Activities (Phase): ² 	Description: ³ 			
Cost component	Costs			
	<i>[Indicate Foreign Currency # 1]</i> ⁴	<i>[Indicate Foreign Currency # 2]</i> ⁴	<i>[Indicate Foreign Currency # 3]</i> ⁴	<i>[Indicate Local Currency]</i>
Remuneration ⁵				
Reimbursable Expenses ⁵				
Subtotals				

- 1 Form FIN-3 shall be filled at least for the whole assignment. In case some of the activities require different modes of billing and payment (e.g.: the assignment is phased, and each phase has a different payment schedule), the Consultant shall fill a separate Form FIN-3 for each group of activities. For each currency, the sum of the relevant Subtotals of all Forms FIN-3 provided must coincide with the Total Costs of Financial Proposal indicated in Form FIN-2.
- 2 Names of activities (phase) should be the same as, or correspond to the ones indicated in the second column of Form TECH-8.
- 3 Short description of the activities whose cost breakdown is provided in this Form.
- 4 Indicate between brackets the name of the foreign currency. Use the same columns and currencies of Form FIN-2.
- 5 For each currency, Remuneration and Reimbursable Expenses must respectively coincide with relevant Total Costs indicated in Forms FIN-4, and FIN-5.

FORM FIN-4.BREAKDOWN OF REMUNERATION¹

(This Form FIN-4 shall only be used when it is indicated in Reference Paragraph 5.6 of the Data Sheet that remuneration shall be Time Based)

Group of Activities (Phase): _____							
Name ²	Position ³	Staff-month Rate ⁴	Input ⁵ (Staff-months)	[Indicate Foreign Currency # 1] ⁶	[Indicate Foreign Currency # 2] ⁶	[Indicate Foreign Currency # 3] ⁶	[Indicate Local Currency] ⁶
Foreign Staff							
		[Home]					
		[Field]					
Local Staff							
		[Home]					
		[Field]					
Total Costs							

1 Form FIN-4 shall be filled for each of the Forms FIN-3 provided.

2 Professional Staff should be indicated individually; Support Staff should be indicated per category (e.g.: draftsmen, clerical staff).

3 Positions of Professional Staff shall coincide with the ones indicated in Form TECH-5.

4 Indicate separately staff-month rate and currency for home and field work

5 Indicate, separately for home and field work, the total expected input of staff for carrying out the group of activities or phase indicated in the Form.

6 Indicate between brackets the name of the foreign currency. Use the same columns and currencies of Form

FIN-2. For each staff indicate the remuneration in the column of the relevant currency, separately for home and field work Remuneration Staff-month Rate x Input.

FORM FIN-4.BREAKDOWN OF REMUNERATION¹

(This Form FIN-4 shall only be used when it is indicated in Reference Paragraph 5.6 of the Data Sheet that remuneration shall be Lump-Sum. Information to be provided in this Form shall only be used to establish payments to the Consultant for possible additional services requested by the PA)

Name ²	Position ³	Staff-month Rate ⁴
Foreign Staff		
		[Home] [Field]
Local Staff		
		[Home] [Field]

- 1 Form FIN-4 shall be filled in for the same Professional and Support Staff listed in Form TECH-7.
- 2 Professional Staff should be indicated individually; Support Staff should be indicated per category (e.g.: draftsmen, clerical staff).
- 3 Positions of the Professional Staff shall coincide with the ones indicated in Form TECH-5.
- 4 Indicate separately staff-month rate and currency for home and field work.

FORM FIN-5.BREAKDOWN OF REIMBURSABLE EXPENSES¹

(This Form FIN-5 shall only be used when it is indicated in Reference Paragraph 5.6 of the Data Sheet that remuneration shall be Time Based)

Group of Activities (Phase): _____								
N°	Description ²	Unit	Unit Cost ³	Quantity	[Indicate Foreign Currency # 1] ⁴	[Indicate Foreign Currency # 2] ⁴	[Indicate Foreign Currency # 3] ⁴	[Indicate Local Currency] ⁴
	Per diem allowances	Day						
	International flights ⁵	Trip						
	Miscellaneous travel expenses	Trip						
	Communication costs between [Insert place] and [Insert place]							
	Drafting, reproduction of reports	Lump Sum						
	Equipment, instruments, materials, supplies, etc.							
	Shipment of personal effects	Trip						
	Use of computers, software							
	Laboratory tests.							
	Subcontracts							
	Local transportation costs (for supervision staff)	Vehicle Months		72				
	Vehicle POL / maintenance	Months		72				
	Local transportation cost (for detailed design phase)	Lump Sum						
	Office rent, clerical assistance							
	Computer Operator	Months		24				
	Training of the PA's personnel ⁶							
	Cost to Establish Bench Marks	Lump Sum						
	Any other item							
Total Costs								

- 1 Form FIN-5 should be filled for each of the Forms FIN-3 provided, if needed.
- 2 Delete items that are not applicable or add other items according to Paragraph Reference 3.6 of the Data Sheet.
- 3 Indicate unit cost and currency.
- 4 Indicate between brackets the name of the foreign currency. Use the same columns and currencies of Form FIN-2. Indicate the cost of each reimbursable item in the column of the relevant currency. $\text{Cost} = \text{Unit Cost} \times \text{Quantity}$.
- 5 Indicate route of each flight, and if the trip is one- or two-ways.
- 6 Only if the training is a major component of the assignment, defined as such in the TOR.

FORM FIN-5. BREAKDOWN OF REIMBURSABLE EXPENSES

(This Form FIN-5 shall only be used when it is indicated in Reference Paragraph 5.6 of the Data Sheet that remuneration shall be Lump Sum. Information to be provided in this Form shall only be used to establish payments to the Consultant for possible additional services requested by the PA)

N°	Description ¹	Unit	Unit Cost ²
	Per diem allowances	Day	
	International flights ³	Trip	
	Miscellaneous travel expenses	Trip	
	Communication costs between [Insert place] and [Insert place]		
	Drafting, reproduction of reports		
	Equipment, instruments, materials, supplies, etc.		
	Shipment of personal effects	Trip	
	Use of computers, software		
	Laboratory tests.		
	Subcontracts		
	Local transportation costs		
	Office rent, clerical assistance		
	Training of the PA's personnel ⁴		
	Any other item		

1 Delete items that are not applicable or add other items according to Paragraph Reference 3.6 of the Data Sheet.

2 Indicate unit cost and currency.

3 Indicate route of each flight, and if the trip is one- or two-ways.

4 Only if the training is a major component of the assignment, defined as such in the TOR.

APPENDIX. FINANCIAL NEGOTIATIONS - BREAKDOWN OF REMUNERATION RATES

(Not to be used when cost is a factor in the evaluation of Proposals)

1. Review of Remuneration Rates

1.1 The remuneration rates for staff are made up of salary, social costs, overheads, fee that is profit, and any premium or allowance paid for assignments away from headquarters. To assist the firm in preparing financial negotiations, a Sample Form giving a breakdown of rates is attached (no financial information should be included in the Technical Proposal). Agreed breakdown sheets shall form part of the negotiated contract.

1.2 The PA is charged with the custody of funds from Government of Sindh and is expected to exercise prudence in the expenditure of these funds. The PA is, therefore, concerned with the reasonableness of the firm's Financial Proposal, and, during negotiations, it expects to be able to review audited financial statements backing up the firm's remuneration rates, certified by an independent auditor. The firm shall be prepared to disclose such audited financial statements for the last three years, to substantiate its rates, and accept that its proposed rates and other financial matters are subject to scrutiny. Rate details are discussed below.

(i) Salary

This is the gross regular cash salary paid to the individual in the firm's home office. It shall not contain any premium for work away from headquarters or bonus.

(ii) Social Costs

Social costs are the costs to the firm of staff's non-monetary benefits. These items include, *inter alia*, social security including pension, medical and life insurance costs, and the cost of a staff member being sick or on vacation. In this regard, the cost of leave for public holidays is not an acceptable social cost nor is the cost of leave taken during an assignment if no additional staff replacement has been provided. Additional leave taken at the end of an assignment in accordance with the firm's leave policy is acceptable as a social cost.

(iii) Cost of Leave

The principles of calculating the cost of total days leave per annum as a percentage of basic salary shall normally be as follows:

$$\text{Leave cost as percentage of salary}^1 = \frac{\text{total days leave} \times 100}{[365 - w - ph - v - s]}$$

¹ Where *w* = weekends, *ph* = public holidays, *v* = vacation, and *s* = sick leave.

It is important to note that leave can be considered a social cost only if the PA is not charged for the leave taken.

(iv) Overheads

Overhead expenses are the firm's business costs that are not directly related to the execution of the assignment and shall not be reimbursed as separate items under the contract. Typical items are home office costs (partner's time, nonbillable time, time of senior staff monitoring the project, rent, support staff, research, staff training, marketing, etc.), the cost of staff not currently employed on revenue-earning projects, taxes on business activities and business promotion costs. During negotiations, audited financial statements, certified as correct by an independent auditor and supporting the last three years' overheads, shall be available for discussion, together with detailed lists of items making up the overheads and the percentage by which each relates to basic salary. The PA does not accept an add-on margin for social charges, overhead expenses, etc., for staff who are not permanent employees of the firm. In such case, the firm shall be entitled only to administrative costs and fee on the monthly payments charged for subcontracted staff.

(v) Fee or Profit

The fee or profit shall be based on the sum of the salary, social costs, and overhead. If any bonuses paid on a regular basis are listed, a corresponding reduction in the profit element shall be expected. Fee or profit shall not be allowed on travel or other reimbursable expenses, unless in the latter case an unusually large amount of procurement of equipment is required. The firm shall note that payments shall be made against an agreed estimated payment schedule as described in the draft form of the contract.

(vi) Away from Headquarters Allowance or Premium

Some Consultants pay allowances to staff working away from headquarters. Such allowances are calculated as a percentage of salary and shall not draw overheads or profit.

(vii) Subsistence Allowances

Subsistence allowances are not included in the rates, but are paid separately and in local currency. No additional subsistence is payable for dependents—the subsistence rate shall be the same for married and single team members. Standard rates for the particular country may be used as reference to determine subsistence allowances.

2. Reimbursable expenses

- 2.1 The financial negotiations shall further focus on such items as out-of-pocket expenses and other reimbursable expenses. These costs may include, but are not restricted to, cost of surveys, equipment, office rent, supplies, international and local travel, computer

rental, mobilization and demobilization, insurance, and printing. These costs may be either unit rates or reimbursable on the presentation of invoices, in foreign or local currency.

3. PA Guarantee

- 3.1 Payments to the firm, including payment of any advance based on cash flow projections covered by a PA guarantee, shall be made according to an agreed estimated schedule ensuring the consultant regular payments in local and foreign currency, as long as the services proceed as planned.

Sample Form

Consulting Firm:

Country:

Assignment:

Date:

Consultant's Representations Regarding Costs and Charges

We hereby confirm that:

- (a) the basic salaries indicated in the attached table are taken from the firm's payroll records and reflect the current salaries of the staff members listed which have not been raised other than within the normal annual salary increase policy as applied to all the firm's staff;
- (b) attached are true copies of the latest salary slips of the staff members listed;
- (c) the away from headquarters allowances indicated below are those that the Consultants have agreed to pay for this assignment to the staff members listed;
- (d) the factors listed in the attached table for social charges and overhead are based on the firm's average cost experiences for the latest three years as represented by the firm's financial statements; and
- (e) said factors for overhead and social charges do not include any bonuses or other means of profit-sharing.

[Name of Consulting Firm]

Signature of Authorized Representative

Date

Name: _____

Title: _____

Consultant's Representations Regarding Costs and Charges

(Expressed in *[insert name of currency]*)

Personnel		1	2	3	4	5	6	7	8
Name	Position	Basic Salary per Working Month/Day/Year	Social Charges ¹	Overhead ¹	Subtotal	Fee ²	Away from Headquarters Allowance	Proposed Fixed Rate per Working Month/Day/Hour	Proposed Fixed Rate per Working Month/Day/Hour ¹
Home Office									
Field									

1. Expressed as percentage of 1

2. Expressed as percentage of 4

SECTION 5: TERMS OF REFERENCE

Detailed Engineering Design & Construction Supervision Services for Integrated Flood Risk Management - Manchar Watershed (SINDH)

Project: Recharge Pakistan - Building Pakistan's Resilience to Climate Change through Ecosystem-based Adaptation (EbA) & Green Infrastructure (GI) for Integrated Flood Risk Management.

Grant Agreement: WWF–Pakistan (Grantor) and **Irrigation Department, Government of Sindh** (Implementing Partner)

Scope Focus: Detailed engineering design and construction supervision of **14 Green Infrastructure (GI)** and **Ecosystem based Adaptation (EbA) interventions:**

➤ **GI Interventions:**

- 1 Dispersal Embankment
- 2 Gabion Bunds
- 6 Small Retention Areas
- 2 Large Retention Areas
- 3 Recharge Basins

➤ **EbA Intervention:**

- Excavate of flow paths in the existing water channels of Manchar Lake to restore the natural hydrology of the 25,000 ha Manchar Wetland.

1. Introduction

“Recharge Pakistan” is an initiative of the Ministry of Climate Change and Environmental Coordination, Government of Pakistan, funded by WWF–Pakistan and other donors. The project seeks to enhance climate resilience in arid and semi-arid watersheds through **ecosystem-based adaptation (EbA)** and **nature-based green infrastructure (GI)** interventions.

Under a **Grant Agreement** between WWF–Pakistan (Grantor) and the **Irrigation Department, Government of Sindh (Implementing Partner)**, WWF–Pakistan will provide grant funding to commission **engineering consultancy services** for the **detailed design** and **construction supervision** of 14 green infrastructure and EbA interventions within the **Manchar watershed** (Districts Dadu & Jamshoro).

The Consultant shall provide three sequential services:

- (a) **Phase 1** — Pre-Design Screening, Assessments and Site Surveys;
- (b) **Phase 2** — Detailed engineering designs, and preparation of tender packages;
- (c) **Phase 3** — Construction supervision.

2. Objective of the Consultancy

The Irrigation Department will engage and hire an engineering design consultancy firm to:

- i. Carry out **pre-design screenings** and **site validation** based on technical, environmental, social, and gender screening parameters and criteria.
- ii. Prepare **initial and detailed structural/hydraulic designs** along with detailed **Bill of Quantities (BOQs)**.

- iii. Prepare Environmental and Social Management Plans (ESMPs), Environment & Social Impact Assessments (ESIAs, if required), and Indigenous Peoples Plans (IPPs) in accordance with the Recharge Pakistan approved Environment and Social Management Framework (ESMF).
- iv. Long-term (30 years) operations & maintenance (O&M) plan for all EbA and GI activities.
- v. Prepare **bidding/tender documents** for hiring contractor(s) for physical execution of activities.
- vi. Provide **construction supervision services** to oversee implementation and onsite execution of GI and EbA interventions/activities.

The work shall be divided into three phases:

- **Phase 1:** Pre-Design Screening, Assessments and Site Surveys
- **Phase 2:** Detailed Design of EbA & GI Interventions, BoQs, Procurement Documents for Works as per SPPRA.
- **Phase 3:** Construction Supervision during the Implementation of EbA and GI Interventions

The objective of the consultancy services is to provide **comprehensive and site-specific detailed engineering designs** and deliver **high-quality construction supervision** for all approved green infrastructure and EbA interventions in the **Manchar watershed**, ensuring works are completed **on time, within budget, to specification**, and in **full compliance with project environmental, social, and gender safeguards**.

3. Scope of Services

The Consultant shall perform the following services covering all **14 GI interventions** and **EbA activity** identified in the Grant Agreement and feasibility study, details are as follows:

S. No	Intervention Type	Location(s) ¹	Quantity	Proposed Dimensions ²
1	Dispersal Embankment	Gaji Shah	1	Length: 150 m; Width: 150 m; Height: 10 m
2	Gabion Bunds	Wahi Pandi, Qasbo	2	Length: 150 m; Height: 6 m
3	Small Retention Areas	Tando Rahim Khan	6	Length: 245 m; Width: 245 m; Height: 1 m
4	Large Retention Areas	Tando Rahim Khan	2	Length: 1,000 m; Width: 1,000 m; Height: 1 m
5	Recharge Basins	Haleli Nadi, Haji Khan Shahani, Chhini	3	Length: 150 m; Width: 14.5 m; Height: 1 m
	Total GI Interventions		14	

¹ The site-specific coordinates within these identified villages, originally determined during the feasibility study, are subject to on-site validation during the detailed design phase.

² These proposed dimensions are based on the initial assessments conducted during project's feasibility and are subject to change as per the on-site conditions & technical requirements to meet the overall project's impact.

6	Excavate in 30,000 m of flow paths in the existing water channels of Manchar Lake to restore the natural hydrology of the 25,000 ha Manchar Wetland.	Manchar channels (Aral Wah/Mor-Iak/Danistar Canal)	30 km	Excavation/desilting of 30,000 m flow paths in certain reaches as per site conditions.
---	--	--	-------	--

These interventions will be implemented to restore degraded flood plains and watershed ecosystems which have been damaged by past flood events and historically provided critical flood and drought protection to communities. The target ecosystem falls within the Indus Basin and includes forests, riverine areas (including riverbanks), wetlands, water flow paths and channels. The restoration of vegetation in this ecosystem will stabilize currently exposed slopes, slowing runoff and stabilizing soils. This will reduce the risk of flooding, landslides and erosion and concurrently enhance groundwater recharge as well as basal flows of rivers and springs. The Re-vegetation and degraded ecosystems along the riverbanks, springs and lakes will also help to ensure sustainable water flows and reduce sedimentation.

- i. Flood extent reduced: The interventions should at least reduce the flooding extent by 20,863 hectares.
- ii. Water replenishment/groundwater recharge: The interventions should at least contribute to 320 million liters of water replenishment/groundwater recharge.
- iii. Water Storage: The interventions should store at least 3.0 million cubic meter of water.

3.1 Project Implementation Arrangement

The Irrigation Department - Sindh, will be the Implementing Agency for the Project. The PMU of Small Dams Project established in Hyderabad will implement the project. The PMU will be led by the Project Director, Small Dams Directorate in Sindh / Recharge Pakistan Project. The Project Director and PMU will have overall responsibility for project implementation and execution, including financial management, procurement, Environmental and Social safeguards and recruitment of consultancy and contractors.

The concerned Executive Engineer of the Small Dams in Sindh will be given additional charge of implementation of the project components as Dy. Project Engineer and will report to the Project Director. The consultant supervision team will work under the supervision of the Executive Engineer/ Dy. Project Engineer.

3.2 The Consultant

The Irrigation Department – Sindh, through the PMU of Small Dams Directorate, will select and engage a consulting firm or a consortium of firms that will supply consulting services for an expected duration of the Project implementation phase. The consultants will be expected to establish a site office in the project area during construction supervision stage.

The consultants will prepare the implementation program, ensure quality and timely delivery of works, and certify the quantity of work conducted and authorize payments. They will assist the PMU in project planning and management, progress reporting, procurement planning and overall project management. Their work will primarily cover: (i) project and contract management including preparation of annual work plan & budget; (ii) engineering design including site selection, design and design verification, bill of quantities and bidding documents for all works and (iii) engineering supervision of all works and quality assurance.

The consultants will work closely with the PMU and coordinate their work with the Executive Engineers of the area, local administration and regional authorities and agencies. The Project Director will coordinate all interactions with the Consultants and with support from other relevant departments will assist the Consultants in resolving any administrative issues. The Consultants' Team Leader will be the principal contact and will be expected to be available throughout project implementation.

The Consultants will be responsible for all aspects of performance of services as set out in the sections below. The PMU will be responsible for providing the existing data and information including all reports prepared to date for the project.

3.3 Phase 1 – Pre - Design Screening, Assessments & Site Surveys

This phase will include pre-design screening and assessments, for which onsite visits/surveys shall be conducted in collaboration with the concerned officials of the Irrigation Department - Sindh and WWF-Pakistan's site implementation unit (SIU) stationed at Dadu. The Engineering consultancy firm, in collaboration with the SIU, shall be required to apply all the relevant site-specific technical, environmental, social and gender safeguard screening tools, checklists, and methodologies, developed by the WWF – Pakistan, to ensure that the sites being considered/selected for further detailed designs meet the minimum criteria and safeguard requirements for the site selection.

When conducting site surveys for EbA and GI interventions, the consultant shall focus on assessing local spatial and environmental conditions such as topography, soil quality, hydrology, and existing vegetation, while also considering the location, size, and distribution of nearby villages and populations. The firm shall map out existing infrastructure such as roads, buildings, and utilities to avoid conflicts and plan for integration and collect this baseline data to measure the impact of the interventions over time. The firm shall also ensure thorough photographic documentation of the site to capture current conditions and support future planning and assessments.

The consultant shall properly document, report, communicate and submit, via official channels (emails, letters etc.), the results of site-specific assessments, screening tools and criteria to the Project Director – Recharge Pakistan (Irrigation Department). The Irrigation Department, as per the site-specific results and firm's technical input and after seeking corresponding endorsement from WWF - Pakistan, shall finalize the sites for the detailed design stage.

Further breakdown of the specific tasks to be performed by the consultant under this phase is given below:

(i) Mobilization & Inception

The Consultant will mobilize resources and submit an **Inception Report**. The report will include:

- Detailed work plan and timeline
- Staffing and mobilization schedule
- Risk register
- Stakeholder engagement plan
- Methodology for surveys, investigations, and subsequent design activities

(ii) Pre-design Screening and Assessments and Site Surveys

Initial screening of sites will include but shall not be limited to;

- i. Reconnaissance and walk through surveys,
- ii. Initial consultations with local community groups, particularly women groups on the identified EbA and GI interventions,
- iii. Environmental, social & gender screening based on agreed parameters and screening tools (*in collaboration with WWF – Pakistan's Dadu SIU*),
- iv. Nature based Solutions (NbS) screening, assessment and documentation; including but not limited to site-specific screening and assessment as per the checklists, screening forms, requirements and criteria developed by WWF – Pakistan *for site selection/validation for GI interventions/activities*³.

³ <https://iucn.org/our-work/topic/iucn-global-standard-nature-based-solutions>

- v. Gathering information on site-specific, design-related technical parameters for the purpose of site selection for the detailed design phase,
- vi. Assess and document topography, soil, vegetation, hydrology, population (*within 3 kms and 10 kms*) and settlement patterns near intervention zones.
- vii. Map all existing infrastructure (roads, buildings, utilities) to avoid design conflicts.
- viii. Compile video and photographic documentation of all surveyed sites.
- ix. Evaluate additional and alternate sites, if required, that meet technical, safeguard, and impact requirements. The total number of GI sites/ activities/ interventions as well as the corresponding impact shall remain unchanged. To ensure this and if the need may arise the Consultant shall consider, screen and assess alternate sites that meet the above-mentioned criteria for further detailed design stage.

(iii) Environmental, Social & Gender Safeguard Screening

The consultant will apply WWF-Pakistan's approved safeguard screening tools and checklists to each site, prepare Site Screening Forms, and undertake initial stakeholder consultations with the local communities. The consultant shall immediately flag any sites that may trigger prohibited categories (including any requirement for land acquisition or resettlement). The Consultant will facilitate and coordinate with PMU and WWF-Pakistan particularly in field surveys and collection of data in preparation of comprehensive Environmental Assessment including Environmental and Social Management Plans (ESMPs), Indigenous Peoples Plans (IPPs), and Environment & Social Impact Assessments (ESIAs, if required). In addition, the consultant will also be required to undertake social assessments including preparation of Livelihood Restoration Plans (LRPs), if required, in accordance with the Recharge Pakistan's Environment & Social Management Framework (ESMF)⁴.

Prior to starting the detailed design of new activities, the consultants shall take into account all the requirements of Recharge Pakistan's Environmental and Social Management Framework (ESMF) for the works to be covered under each package. Furthermore, the environmental, social, and gender assessments shall form part of the design reports for each subproject or work package. The consultants shall also provide continuous support to the PMU and WWF-Pakistan in monitoring and ensuring the implementation of the ESMPs, IPPs, LRPs, etc., during project implementation. Moreover, during the implementation stage, the consultants shall assist the PMU and WWF-Pakistan in updating the ESMPs, IPPs, LRPs, and ESIAs and provide support for their implementation in accordance with the required procedures.

(iv) Hydro-geological & Hydrological Data Collection

The Consultant will conduct:

- **Hydro-geological investigations** (observation wells, infiltration tests) to assess groundwater levels and aquifer characteristics
- **Hydrological data collection** (stage-discharge relationships, flow measurements during site visits, and hydrologic modeling) necessary for hydraulic design and recharge estimates.
- Hydrological and hydraulic modeling of the project interventions to demonstrate pre- and post-intervention scenarios in terms of the total flood extent reduction achieved, incorporating designated safety return periods and future climate projections. The consultant shall hand over the complete hydrological model to the Irrigation Department and WWF-Pakistan.

⁴ https://wwfasia.awsassets.panda.org/downloads/annex_6_esmf_final__1_.pdf

Pre – Design Site Screening Reports:

By consolidating the above-mentioned data gathered through initial sites screening and assessments, the consultant shall prepare and submit the “Pre-Design Screening Reports” having the following specific sections, for the approval of Project Director – Recharge Pakistan (Irrigation Department) and WWF Pakistan;

- ✓ Site-specific analysis based on applicable screening tools, checklists, criteria and methodologies,
- ✓ Exhaustive list of indigenous flood risk management techniques/practices traditionally employed by local communities in the targeted watersheds and propose the most suitable and technically viable NbS techniques/practices for incorporation in the design of EbA and GI interventions.
- ✓ Preliminary structural and hydraulic designs, including information on all the critical technical design parameters determined through geotechnical and hydrological investigations/surveys, such as soil properties, flow discharge, sediment rate analysis etc.

“**Phase – 1**” shall be considered “complete” once the consultancy firm has submitted pre-design site screening reports, for review and approval of Project Director – Recharge Pakistan (Irrigation Department) and the office of the Project Director, after seeking corresponding approval from WWF-Pakistan, has provided the confirmation of approval in writing.

3.4 Phase 2 – Detailed Engineering Design & Tender Documentation of GI and EbA Interventions

The detailed design phase will commence after the completion of Phase – 1, which would have resulted in sourcing substantial information required for designing GI and EbA interventions/activities.

Based on the site surveys conducted during the previous phase, Phase - 2 shall require the hired consultant to develop the following documents

- i. Layouts, master plans, sediment management/desilting plans, detailed site-specific structural and hydraulic designs, bill of quantities (BOQs) as per the Schedule of Rates (SOR)
- ii. Environment & Social Management Plans (ESMPs), Indigenous Peoples Plans (IPPs), and Environment & Social Impact Assessments (ESIAs, if required),
- iii. Site-specific coordinates and GIS maps of technically feasible sites,
- iv. Bidding/tender documents for hiring of civil works contractor(s) and
- v. Long-term (30 years) operations & maintenance (O&M) plan for all EbA and GI activities.

(i) Detailed Design – Design Criteria

The consultant will establish design criteria for detailed designs including supporting computations for the GI structures. Selection of appropriate materials, usage of bio-engineering techniques and nature-based solutions to optimize designs and ensure least cost options that meet technical requirements; estimate quantities of construction, material, etc. for preparation of bidding documents.

Green Infrastructure (GI) and Ecosystem based Adaptation (EbA) interventions/activities:

The Green Infrastructure (GI) and Ecosystem based Adaptation (EbA) activities proposed to be designed under this assignment shall include civil works that have minimum/no adverse environmental impacts, such as earthen embankments, gabion structures, etc. These structures are selected based on their compatibility with Nature-based Solutions (NbS) principles, ease of community integration, and low-impact construction profiles. All proposed GI and EbA activities must comply with WWF–Pakistan’s Environmental and Social Management Framework (ESMF) and will be validated via site-specific ESMP/ESIA processes prior to execution.

Brief detail of GI and EbA interventions:

S.No.	GI Intervention Type	Design Requirements ⁵
1	Flood Dispersal Embankments (01)	Functional Purpose and Hydraulic Role Flood dispersal structures shall be designed to: ➤ Capture upstream surface runoff prior to its convergence near vulnerable infrastructure, settlements, or agricultural lands ➤ Redirect flow through natural depressions, graded embankments, or engineered watercourses. ➤ Ensure controlled downstream discharge, minimizing erosion, waterlogging, and overflow hazards ➤ Maintain ecological balance and avoid excessive interference with natural flow paths. Structural Components and Material Composition Design specifications shall include but shall not be limited to: ➤ Earthen embankments, clay-silt bunds, levees, and open channels as core structural elements ➤ Local material usage including earth and clayey silt, sandy loam and gravel, and naturally occurring stones for reinforcement and surface protection Embankments shall be armored using: ➤ Rip-rap placement or stone pitching to resist high-velocity flows and lateral scouring. ➤ Murram Gravel lining along overflow sections to prevent Murram gravel lining along overflow sections to prevent surface degradation and enhance structural stability.
2	Gabion Bunds/Structures (2)	Structural Composition and Hydraulic Purpose Gabion structures shall be designed as wire mesh cages filled with stones, boulders, or rock aggregates, serving the dual purpose of: ➤ Stabilizing riverbeds, stream banks, and slopes prone to erosion ➤ Delaying and diverting flood flows, acting as spillways for safe downstream discharge and energy dissipation. Propose and design the appropriate type of gabion structures such as gabion stepped weirs which are commonly used for river training and flood control as their stepped design enhances the rate of energy dissipation in the water channel. These structures shall be designed to: Enhance vertical energy dissipation. ➤ Create sequential stilling basins for downstream flow moderation

⁵ The consultancy firm shall consider the above-mentioned "Design Requirements" as guidance notes and use them as a basis for determining the actual technical specifications and parameters for developing site specific detailed designs.

		➤ Optimize channel training to reduce sediment transport and scouring impact. Design Principles and Performance Criteria Gabion structures shall maintain interlocking stability through optimized stone placement and wire gauge selection The mass and porosity of the filled cages shall provide temporary floodwater retention, enabling controlled release Designs shall reflect localized flood characteristics including peak discharge, velocity profiles, and sediment load The structures shall include the provisions of stilling basins at strategic downstream points to mitigate hydraulic jump effects and reduce erosive forces. Vegetative Reinforcement and Climate Resilience Each gabion structure shall incorporate native vegetative cover, such as deep-rooted grasses and shrubs, to: ➤ Enhance slope stability and soil binding capacity ➤ Support long-term bioengineering resilience against hydraulic forces. ➤ Align with WWF-Pakistan’s Nature-based Solutions (Nbs) criteria and local ecological compatibility.
3	Small Retention Areas (6)	Functional Purpose Small retention areas shall be designed as pond-shaped structures that: ➤ Store excess river discharge and floodwater during high-flow periods ➤ Reduce peak flow velocity entering downstream flood-prone zones ➤ Enhance infiltration rates, contributing to aquifer recharge ➤ Serve as seasonal water reserves for domestic and agricultural use. Site Selection and Validation Preferred site characteristics include: ➤ Natural depressions or low-lying valleys ➤ Outflow points at mountain base transitions ➤ Gently graded, relatively flat terrain to reduce construction intensity. Design Considerations and Materials The Designs shall: ➤ Incorporate channel connections to river or stream networks for regulated intake during flood events. ➤ Ensure temporary water retention, with calculated detention time to maximize infiltration and reduce flood peaks. ➤ Utilize locally available materials including stones, gravel, clayey silt, and compacted earth for embankment stabilization ➤ Avoid landscape transformation and minimize ecological disruption, preserving the integrity of existing habitats.

		Design Enhancements and Bioengineering Features The Consultant shall integrate low-cost pond efficiency enhancements, such as: ➤ Inflow filtration zones, ➤ Percolation beds, ➤ Silt traps and overflow controls. ➤ Designs shall explore the incorporation of native vegetation, for erosion control and habitat benefits, ensuring alignment with Nature-based Solutions (NbS) standards.
4	Large Retention Areas (2)	Site Characteristics and Selection Rationale ➤ The proposed sites should be located at strategic gorge exits, where hill torrents, rivers, or streams emerge from mountainous terrain and exhibit concentrated high-velocity flows. ➤ The site selection parameters for large retention areas are similar in flow focus and discharge patterns to those of small retention areas, with the added potential for larger detention volume and enhanced flood buffering. ➤ The Consultancy Firm shall validate and/or endorse the originally identified sites through field verification and assessment of prevailing physical parameters. Design Considerations Design must incorporate: ➤ Inflow and outflow discharge regulation through engineered channel linkages ➤ Storage capacity optimization, based on catchment hydrology and flood frequency analysis ➤ Sediment and silt load management through traps, baffled zones, or settling beds ➤ Erosion control features including rip-rap, vegetative buffers, and slope stabilization measures. ➤ All designs shall leverage existing natural depressions and contours to minimize structural footprint and avoid ecological disruption.
5	Recharge Basins (3)	Functional Objective and Climate Resilience Contribution Recharge basins shall be designed as multi-functional infrastructure elements to: ➤ Divert and decelerate flood flows, thereby minimizing downstream flood risk ➤ Recharge shallow aquifers through passive infiltration below sediment layers ➤ Store water in subsurface zones for extended periods, mitigating drought-induced water scarcity ➤ Reduce peak discharge volumes during heavy rainfall events ➤ Strengthen biodiversity and vegetative cover, contributing to slope stability and erosion reduction across the watershed.

		Design Features Each recharge basin shall: ➤ Capture runoff flows using engineered inlet channels, overflow controls, and settling forebays ➤ Incorporate design elements to retain water below sediment layers using: ➤ Layered percolation beds ➤ Siltation control zones ➤ Native vegetative buffers for erosion resistance and bio-filtration ➤ Enhance percolation through integration of: ➤ Porous sub-grade layers composed of gravel, sand, and mixed aggregates ➤ Optional use of infiltration/recharge wells or soak pits, if hydro geologically viable. ➤ Designs should take leverage of natural depressions, existing contours, and low-gradient catchment features, minimizing landscape disturbance and optimizing hydraulic performance. Additional Design Measures Assess feasibility of aquifer recharge augmentation techniques, including: ➤ Temporary check dams upstream ➤ Sequential recharge stages (multi-basin cascade systems) ➤ Vegetative stormwater filters ➤ Propose seasonal maintenance regimes to manage sediment loads and maintain infiltration efficiency. ➤ Integrate community co-management features (e.g, monitoring access, water-use points) where appropriate and feasible
S.No.	EbA Intervention Type	Design Requirement ⁶
1	Excavate 30,000 m of flow paths in the existing water channels of Manchar Lake to restore the natural hydrology of the 25,000 ha Manchar wetland	The primary objective of this intervention is to restore the natural hydrology of the 25,000 ha Manchar Wetland by excavating and desilting three main river channels: Aral Wah, Mor Lak, and the Danistar Canal. These channels are currently obstructed by debris and sediment, which increases flood risks and leaves communities vulnerable to drought. Core Design & Hydraulic Requirements ➤ Hydraulic Modeling and Design: The consultant must develop detailed designs covering flow path alignment, gradient, and cross-sectional shape/dimensions to ensure optimal water movement. ➤ Restoration of Natural Hydrology: Designs must focus on restoring freshwater flows from the Indus River into the Manchar Wetland to support the livelihoods of approximately 10,000 households. ➤ Desilting Masterplan: A detailed plan for sediment removal and disposal is required, including sediment analysis, identification of sediment traps, and a strategy for the reuse or proper disposal of excavated material. ➤ Ecological Restoration: The design must ensure the restoration of natural ecosystem functions, which are critical for the livelihoods of local farmers and the Indigenous Mohana peoples.

⁶ The 30,000 m (30 km) of flow path excavation will be carried out across the three main river channels; Aral Wah, Mor lak, and the Danistar Canal, based on the actual hydrological requirements and technical site validation of each channel to ensure the restoration of natural freshwater flows from the Indus River into the Manchar Wetland and Vice versa.

Vegetated Buffer Zones

The consultant shall incorporate vegetated buffer strips (such as *contour buffer strips, filter strips, and grassed waterways*) as a key Nature-Based Solution (NbS) element across all Green Infrastructure (GI) interventions proposed under the Recharge Pakistan Project.

Vegetated buffer zones shall:

- Sustain initial hydraulic thrust of floodwaters and absorb impact energy
- Reduce surface runoff intensity, velocity, and sediment transport
- Act as filter strips to trap suspended silt, organic material, and debris
- Serve as a climate-resilient ecological barrier during peak rainfall periods
- Expand over time, promoting natural regeneration and improving soil retention.

The Design Consultant shall:

- Design vegetated strips along the upstream (u/s) and downstream (d/s) flanks of all GI sites.
- Maintain typical buffer strip widths between 30 to 50 meters, subject to actual site availability and geomorphic suitability.
- Ensure buffer placement avoids obstruction of engineered structures and complements hydraulic flow paths. Where space constraints or steep terrain limit full-width buffers, alternative configurations (e.g., tiered planting or bio-retention pockets) shall be proposed.

The detailed design phase shall include but shall not be limited to the following aspects

(ii) Site Validation & Topographic Surveys

The consultant will prepare full engineering designs for each GI and EbA intervention, including general arrangement drawings, cross-sections, structural and hydraulic calculations, Desilting plan, material specifications, and construction details. Designs shall follow recognized engineering best practice for arid/hill-torrent environments and be climate-sensitive and nature-based in approach. Drawings will be prepared to the extent that adequate cost estimates will be possible, and to facilitate contractors to prepare their bids and shop drawings

(iii) Geotechnical Investigations

Undertake geotechnical investigations (boreholes, trial pits, in-situ tests and laboratory testing) to determine the basic design parameters for the construction of structures, and to locate appropriate construction material (and/or disposal areas as needed) for material. Deliverables will include geotechnical investigation reports, soil logs, pore-water data and foundation recommendations.

(iv) Detailed Engineering Design and Reports

The consultant will prepare full engineering designs for each GI and EbA intervention, including general arrangement drawings, cross-sections, structural and hydraulic calculations, material specifications, and construction details. Designs shall follow recognized engineering best practice for arid/hill-torrent environments and be climate-sensitive and nature-based in approach. Drawings will be prepared to the extent that adequate cost estimates will be possible, and to facilitate contractors to prepare their bids and shop drawings

(v) Bills of Quantities & Cost Estimates

The consultant will prepare itemized BOQs and detailed cost estimates using the latest Schedule of Rates (SOR). BOQs must be fully quantified and priced (unit rates left blank for tendering) and consistent with

design drawings and including facilities, material testing labs, on or off site as needed, equipment and staffing or any other special requirements.

The Bidding documents will include the preparation of technical specifications, engineering drawings needed for bidding documents and bill of quantities (BOQs). The bidding documents would be prepared in accordance with the formats and standards defined in the SPPRA guidelines for procurement of such works.

(vi) Environmental & Social Management Plans (ESMPs)

The Consultant will prepare **site-specific ESMPs**, Indigenous Peoples Plans (IPPs) and **Contractor ESMP checklists** aligned with the Recharge Pakistan **ESMF** and **GAAP**. ESMPs shall include:

- Mitigation measures
- Monitoring indicators
- Reporting arrangements
- Budgets for safeguard implementation during construction and initial defect liability period

(vii) Tender/Bidding Documents

The Consultant will prepare complete **SPPRA-compliant tender packages** for civil works, including:

- Instructions to Bidders (ITB)
- Invitation for Bids (IFB)
- Technical specifications
- Conditions of Contract (simplified FIDIC)
- BOQs
- Draft contracts

Tender documents shall be in English and compatible with the agreed procurement method. The Consultant will present design packages to the Irrigation Department and WWF–Pakistan for review, address comments, and resubmit final designs. **Phase 2 completion** will be upon written approval of all detailed designs, BOQs, ESMPs, and tender documents by Irrigation department and WWF–Pakistan.

(viii) Procurement Assistance

The Consultant will assist the Irrigation Department in inviting and processing contractor bids for EbA and GI interventions. Tasks include:

- Prepare/update procurement strategy and plan
- Draft tender documents (IFB, ITB, BOQs, Conditions of Contract based on SPPRA rules)
- Assist in contractor prequalification
- Facilitate bid process: publication, queries, pre-bid meetings, site visits
- Assist in bid evaluation: administrative, technical, and financial review
- Prepare draft bid evaluation reports and recommendations for award

(ix) Contract Management

The Consultant will support:

- Contract negotiations and finalization
- Monitoring contractor performance for compliance
- Managing variations, extensions, and claims

- Tracking deliverables, milestones, and deadlines
- Assisting in payment certification and processing
- Supporting dispute resolution and claims management (if any)

The consultant will present design packages to the Irrigation Department and WWF-Pakistan for review. The consultant will address comments and resubmit final designs for approval.

“**Phase – 2**” shall be considered “*complete*” after the consultant has submitted and secured approval of Project Director – Recharge Pakistan (Irrigation Department) and the office of the Project Director, after securing corresponding approval from WWF -Pakistan, has provided the confirmation of approval in writing on the following documents;

Detailed designs, bill of quantities (BOQs), masterplans, Sediments management plan/desilting plan & implementation plans,

- ✓ Site-specific coordinates and GIS maps,
- ✓ Environmental & Social Management Plans or Environmental & Social Impact Assessments (ESIAs, if required) as per the project’s approved ESMF,
- ✓ Vegetation Plans and NbS screening documentation
- ✓ Bidding/tender documents for hiring of civil works contractor(s) and
- ✓ Long-term (30 years) operations & maintenance (O&M) plan for all EbA and GI activities.
- ✓ Any additional documents requested by PD–Recharge Pakistan or WWF–Pakistan

3.5 Phase 3 – Construction Supervision & Quality Assurance during Implementation of GI Interventions

Post completion of Phase – 2, the consultant shall be required to provide construction supervision services throughout the implementation phase of the project. In this regard, the consultancy firm shall supervise the implementation/execution of works/activities undertaken by the civil works contractor(s) and ensure that the implementation and onsite execution is in line and as per the requirements, specifications, criteria and parameters defined in the detailed structural/hydraulic designs and plans developed under “*Phase - 2*” including the implementation and monitoring of site-specific ESMPs.

Key responsibilities

As part of phase – 3, the consultant shall be required to:

- Review and approve the construction schedule and method statements submitted by the civil works contractor(s).
- Carry out supervision visits and site inspections to ensure that the onsite implementation of civil works is as per approved designs, technical specifications and agreed timelines.
- Prepare and verify measurement books for all the EbA and GI Interventions.
- Verify and certify (*under the firm’s official seal*) all Interim Payment Certificates (IPCs) and the Final Payment Certificate submitted by the civil works contractor(s), based on quality assurance of measured work done and verification of all required documentation (including site inspections, progress reports, results of site-specific field tests etc.)
- Submit a detailed report, supported by technical justifications and relevant documentation, to the Project Director – Recharge Pakistan (Irrigation Department) and WWF - Pakistan for a final decision, in case unavoidable site-specific circumstances necessitate the issuance of a Variation Order (VO).
- Verify all price escalation claims raised by civil works contractor(s) before securing final approval from the Project Director – Recharge Pakistan (Irrigation Department) and WWF - Pakistan.
- Ensure that all Variation Orders have been properly approved and verify that the civil works contractor(s) has correctly applied the relevant price adjustment indices, before certifying the related payments in the Interim Payment Certificates (IPCs).

- Redesign interventions/activities in accordance with the actual site-specific conditions and submit the revised designs for approval of the Project Director – Recharge Pakistan (Irrigation Department) and WWF - Pakistan.
- Ensure that the EbA and GI interventions/activities are implemented in accordance and as per the recognized national and international best practices for Nature based Solutions (NbS), including but not limited to the WWF–Pakistan’s methodologies and criteria for implementation of EbA and GI interventions/activities.
- Establish a comprehensive record management system which shall include site correspondence, inspection records, test data, records of meetings, financial records, etc.
- Ensure standard procedures of construction quality, including but not limited to: random/sample field and material testing, certifying test reports, ensuring compliance with environmental, social, and gender safeguards, undertaking site inspections, and taking timely corrective actions and providing directions to the civil works contractor(s) as needed based on site conditions.
- Modify/upgrade the designs, if such a need arises, according to the prevailing site conditions during the implementation phase later in the project.
- Ensure the implementation of site-specific Environmental & Social Management Plans or Environmental & Social Impact Assessments (ESIAs, if required) as per the project’s approved ESMF. The consultant shall also identify and report any possible Environmental & Social safeguards risks that might arise during the project implementation and shall suggest the appropriate mitigation measures. In this regard, the consultant shall ensure that the civil work contractor(s) employ the proposed mitigation measures.
- Validate and verify the extension of time (EOT) claims submitted by the civil works contractor(s) before securing the approval from the Project Director – Recharge Pakistan (Irrigation Department)
- Prepare a final punch list for all the EbA and GI schemes/interventions and ensure that the civil works contractor(s) rectify the identified pending issues and shortcomings and undertake necessary corrective measures
- prior to the release of final payment and issuance of the Final Completion Report (FCR).
- Upon project completion, prepare and submit a final report detailing the completed works and the defects that have been remedied.

The consultant shall also provide the following services:

(i) Project and Contract Management

Provide broad support to the PMU for overall project management based on modern concepts for project planning/scheduling, supervision, quality control, implementation of works, including social management/livelihood restoration plans and environmental management and mitigation plans program. This will include direct support to the Project Director for preparation of project implementation plans, expenditure planning, budgeting and financing forecast and work plans, as required by the Government of Sindh and WWF - Pakistan. Specifically, this will require preparation of annual Project work plans and budgets, it will also include monthly, quarterly and annual reporting, and Project Completion reports (as per WWF requirements) and the “PC-IV” report of the project for submission to the Government of Sindh/Pakistan upon Project completion.

Assist with contract administration and management including negotiations and finalizing contract agreements for works, goods and services; reviewing contractor’s submittals, verification of progress and interim payment requests; supervision of contract/works/goods acceptance and close of contracts, issuance of completion certificates, preparation of documents as required for acceptance of works/goods; progress reporting, quality control and inspection systems to be followed during execution of civil work contracts; resolving contractual issues; and maintenance of records;

(ii) Pre-construction Review

Prior to commencement of works, the Consultant will review and approve:

- Contractor's work program and methodology.
- Source of materials and method statements.
- Health and Safety Plan.
- Contractor's ESMP compliance.

(iii) Construction Supervision

- Deploy a **full-time Resident Engineer** at site for the duration of construction works, supported by additional supervision staff as required.
- Responsibilities include:
 - Daily supervision and quality control.
 - Measurement of works and verification of quantities.
 - Maintaining daily site diaries.
 - Immediate reporting of any safeguard incidents.

(iv) Quality Control & Testing

- Implement a **Quality Assurance Plan**, including:
 - Material testing and workmanship checks.
 - Third-party laboratory testing where necessary.
- Maintain complete testing records and ensure compliance with acceptance criteria in specifications.

(v) Progress Monitoring & Payment Certification

- Monitor progress against the approved work program.
- Prepare **monthly progress reports**.
- Certify interim payment claims based on measured works and verified quantities.

(vi) Safeguards & Grievance Handling

- Monitor ESMP implementation and maintain records of **Grievance Redress Mechanism (GRM)**.
- Report on safeguard compliance and immediately flag any non-conformance to WWF–Pakistan and the Irrigation Department with recommended corrective actions.

(vii) Finalization & As-built Documentation

- Review and finalize **as-built drawings** prepared by contractors.
- Verify final measurement sheets and payment certificates.
- Prepare a **Final Completion Report**, including lessons learned and recommendations for **Operation & Maintenance (O&M)**.

4. Deliverables & Timeline

The Consultant shall submit the following deliverables:

S. No	Deliverable	Copies	Due
PHASE 1			
1	Inception Report	5	Within 3 weeks of Commencement
2	Pre-Design Site Screening Reports (incl. Environmental, Social, Gender & NbS Screening, preliminary site validation survey and preliminary structural and hydraulic designs)	5	Within 6 weeks of Commencement
PHASE 2			
1	Detailed Site Survey and Investigation Report	2	Within 10 weeks of Commencement
2	Detailed Design Reports, Layouts, Master Plans, Desilting Plans, Drawings and BOQs	5	Within 20 weeks of Commencement
3	Environment & Social Management Plans (ESMPs), Indigenous Peoples Plans (IPPs), and Environment & Social Impact Assessments (ESIAs, if required)	5	Within 22 weeks of Commencement
4	Long-term (30 years) operations & maintenance (O&M) plan for all GI interventions.	5	Within 22 weeks of Commencement
5	Complete Tender/Bidding Documents for hiring of civil works contractor(s)	5	Within 24 weeks of Commencement
6	Pre-construction Review Report	5	Prior to contractor mobilization
PHASE 3			
1	Monthly Progress Reports	5	Every month during construction
2	Quarterly Progress Reports	5	Every quarter as per Grant Agreement schedule
3	Final Project Completion Report with As-built Drawings	5	Upon final completion of works
4	Any other report as required by the Client	5	As and when required

A detailed Deliverables Table (with precise submission dates, hard/soft copy requirements, and review periods) will be included in the **Contract Annex** and agreed at contract award.

5. Staffing, Team Composition & Inputs

The Consultant shall propose a **multi-disciplinary team** with the following minimum key experts and indicative staff-month allocations:

Detailed Design Stage (Phase 1 and 2)

S. No	Key Staff	Staff Months (MM)
1	Project Manager / Team Leader - Water Resources/Civil Engineer with Master's degree and 15+ years' experience or Bachelor's degree with 20 years of experience, including leadership of similar projects in arid/hill-torrent regions.	24
2	Ecologist / Limnologist - Master's Degree in Ecology, Biological Sciences, or a closely related field with Minimum 7–10 years of practical experience in Field ecology, Biodiversity impact assessments, Critical habitat and species sensitivity analysis, Habitat restoration and conservation planning (Intermittent)	6
3	Bio-Engineering Expert - Master's degree in Civil Engineering, Environmental Engineering, Agricultural Engineering, or related disciplines combined with demonstrated specialization or field experience in bio-engineering or nature-based flood management. Demonstrated experience in integrating bio-engineering solutions (e.g., vegetative reinforcement, live check dams, brush layering, vegetative bunds, fascines, and riparian vegetation restoration) into structural flood protection designs. Minimum 7–10 years of professional experience in the planning, design, and implementation of bio-engineering or ecosystem-based flood protection interventions. (Intermittent)	6
4	Senior Hydraulic/ Hydrology Expert - A qualified civil engineer with a master's degree in water resources, hydrology, or a related field, having a minimum of 10 years of professional experience, including at least 5 years in flood risk management and watershed-scale planning. The engineer must have proven experience in the design and implementation of Nature-based Solutions (NbS), ecosystem-based flood management, and green infrastructure. The water resources engineer shall conduct catchment-wide hydrological assessments and hydrological modelling to evaluate surface water flow, rainfall-runoff behavior, and flood risks, and provide input into the site-specific designs and locations of the EbA and GI interventions planned under the project. (Intermittent)	6
5	Structural Design Engineer - A qualified Civil Engineer with a Master's degree in Structural Engineering, having at least 7 - 10 years of experience in the design and supervision of hydraulic and structural components of water resources and flood protection infrastructure projects. The engineer must have demonstrated experience in the design of flood protection embankments, retaining walls, water retention structures, check dams, weirs, etc. Familiarity with integrating grey and green infrastructure (e.g., bioengineered revetments, eco-friendly retaining structures) is highly desirable. The Structural Engineer will review site conditions, prepare structural designs and drawings, and supervise construction to verify structural integrity. The Structural Engineer will work closely with the Water Resources Engineer/Hydrologist and Environmental & Social Safeguards Specialist to ensure that the technical design of the interventions meet the criteria of Nature based Solutions (NbS), thereby contributing to the overall resilience and sustainability of the project. (Intermittent)	8

6	Procurement / Contract Specialist - Bachelor's degree in Civil Engineering, Business Administration, Supply Chain Management, Economics, or a related field from a recognized institution, with a minimum of 10+ years of relevant professional experience in public procurement and contract management. The expert must have demonstrated experience in preparing and managing bidding and tender documents for civil works contracts, preferably within large-scale infrastructure or flood risk management projects. A thorough understanding of national and international procurement procedures (such as SPPRA, World Bank, or ADB guidelines) is essential. The specialist should possess strong skills in drafting Request for Proposals (RFPs), Bills of Quantities (BoQs), bid evaluation reports, and contract agreements.	6
7	Geo-technical Engineer - A qualified civil engineer with a Master's degree or higher in Geo-technical Engineering and at least 7 - 10 years of experience working in a similar capacity on water resource and flood management projects. The Geo-technical Engineer will be responsible for initial site investigations, baseline data collection and analysis, designing foundations for hydraulic structures (such as flood protection embankments, gabion bunds, etc.), undertaking geotechnical investigations, carrying out necessary field and laboratory tests, and inspecting the quality of materials used in construction. (Intermittent)	6
8	Environmental, Social & Gender Specialist - A qualified expert with a Master's degree in Environmental Sciences, Development Studies, Sociology or a related discipline, and at least 7 - 10 years of experience in developing Environmental and Social Management Plans (ESMPs), Livelihood Restoration Plans and Indigenous Peoples Plans, if required, conducting Environmental and Social Impact Assessments (ESIAs), carrying out environmental and social risk assessments, conducting socio-economic field surveys, resettlement and land-use assessments, gender and social safeguards assessments, and livelihoods assessments and designing and implementing mitigation measures in the context of flood risk management projects. The specialist will be responsible for ensuring due diligence in environmental, social and gender safeguards, monitoring the implementation of the ESMP throughout the project implementation stage, undertaking necessary mitigation measures in close consultation with relevant stakeholders to address adverse environmental and social impacts, and submitting monitoring reports. (Intermittent)	6
	NON-KEY STAFF	
9	GIS Specialist/Climate Modeller - Bachelors in GIS/Geo-informatics, Atmospheric Sciences, Earth System Science, or a related field with a minimum of 7 - 10 years of experience in climate modeling and scenario-based risk assessment. The specialist must have demonstrated expertise in applying regional and global climate models (e.g., CMIP5/6, GCMs, RCMs) and down-scaling techniques to simulate and analyze climate projections under RCP 4.5 or comparable scenarios. The Climate Modeler will be responsible for assessing climate risks and vulnerabilities, projecting temperature and precipitation trends, and evaluating hydro-meteorological impacts on GI interventions in the project areas. (Intermittent)	6
10	AutoCAD Draughtsman – The expert should have a DAE in Civil Engineering from a recognized technical institute along with a Certificate or Diploma in AutoCAD, and at least 05 years of relevant experience. The candidate must be proficient in preparing cross-sections	6

	and L-sections in AutoCAD and Excel, importing coordinates between AutoCAD and Google Earth, and using AutoCAD Civil 3D. The candidate should also be capable of converting UTM coordinates to latitude and longitude (and vice versa) in Excel, adding pictures and links to placemarks in Google Earth, opening Google Maps in AutoCAD, and inserting photos in MS Word.	
	Sub-Total A — Detailed Design Stage	80 MM

Construction Supervision Stage (Phase 3)

S. No	Key Staff	Staff Months (MM)
1	Resident Engineer - A qualified Civil Engineer with a Master's degree in Structural Engineering/Water Resources/Geotechnical/Construction Management, having at least 10 years of experience in the supervision of hydraulic and structural components of water resources and flood protection infrastructure projects. The expert must possess thorough understanding of flood control systems, such as levees, embankments, drainage channels, and retention basins and will be responsible for overseeing day-to-day construction activities, ensuring compliance with approved drawings and technical specifications, coordinating with contractors, and maintaining rigorous quality assurance and control procedures. The RE will also be responsible for monitoring progress against the project schedule, managing site safety and environmental protection measures, reviewing and certifying contractor submissions and work completed, and preparing detailed progress reports.	18
2	Procurement / Contract Specialist - Bachelor's degree in Civil Engineering, Business Administration, Supply Chain Management, Economics, or a related field from a recognized institution, with a minimum of 10+ years of relevant professional experience in public procurement and contract management. The expert must have demonstrated experience in preparing and managing bidding and tender documents for civil works contracts, preferably within large-scale infrastructure or flood risk management projects. A thorough understanding of national and international procurement procedures (such as SPPRA, World Bank, or ADB guidelines) is essential. The specialist should possess strong skills in drafting Request for Proposals (RFPs), Bills of Quantities (BoQs), bid evaluation reports, and contract agreements.	18
	NON KEY STAFF	
3	Material and QA/QC Engineer - Bachelor's degree in Civil or Materials Engineering from a recognized institution, with 7–10 years of relevant experience in quality assurance and quality control of civil works, preferably in flood risk management, water resources, or infrastructure development projects. The candidate should have a thorough understanding of construction materials, testing procedures, and national/international quality standards related to concrete, aggregates, soil, steel, and geotechnical works. Experience in establishing and managing onsite material testing laboratories, conducting field and laboratory tests, and ensuring compliance with design specifications and technical requirements is essential. The QA/QC Engineer should be well-versed in preparing quality control plans, inspection	18

	checklists, and test reports, and in ensuring that contractors adhere to approved construction methodologies and quality benchmarks.	
4	Surveyor (2 No) - DAE in Civil or Certificate in Surveying having 05-10 Years experience in construction, supervision, site survey with level and Total station, GPS management, managing site record, skilled in preparation of site plans, drawings, cross sections, command over MS Word, Excel.	36
5	Site Inspector - DAE or a Bachelor's degree in Civil Engineering from a recognized institution, with at least 7–10 years of relevant experience in supervising or inspecting civil works, preferably in flood risk management, water resources, or infrastructure development projects. Strong understanding of construction methods, materials, quality control standards, and safety protocols. Experience in inspecting structures such as flood protection bunds, embankments, water retention areas, and drainage systems is highly desirable. The Site Inspector must be proficient in interpreting engineering drawings, specifications, and Bills of Quantities (BoQs) to ensure that works are executed in accordance with approved designs and technical standards.	18
6	Quantity Surveyor - Diploma in Civil with 10+ years of experience in quantity surveying of civil works, proficient at MS Word, Excel, Power point, managing coordinates at Google earth pro, Auto cad, Preparation of IPC's, Preparation of Estimates, Variation order, Escalation bills, GPS management, skilled in preparation of site plans, drawings, cross sections.	18
7	Environmental, Social & Gender Safeguard Officer - A qualified expert with a Master's degree in Environmental Sciences, Development Studies, Sociology or a related discipline, and at least 5 - 7 years of experience in monitoring the implementation of the ESMPs, IPPs, LRPs throughout the project implementation stage, undertaking necessary mitigation measures in close consultation with relevant stakeholders to address adverse environmental, social and gender impacts, and submitting monitoring reports. (Intermittent)	6
8	Laboratory Technician-LT. Should have Certificate/Diploma in the relevant field with minimum 5-7 years' experience. Having professionalism in performing various tests on construction materials like soil, concrete, stone, and asphalt etc to ensure they meet quality and safety standards. Having experience of working in both laboratory and field settings, preparing and conducting tests, recording data, and assisting engineers in analyzing results.	12
9	Admin and Finance Assistant - Bachelor's degree in finance, accounting, or commerce with at least 3–5 years of administrative, Finance and office management experience, including bookkeeping, voucher preparation, financial reporting, MS Excel, record-keeping, coordination, and communication skills.	18
10	Auto Cad Operator/ Document Controller. Should have Diploma of I.T from recognized institution and 05 Years experience in office working.	18
11	Drivers (2 No) - Valid LTV/HTV driving license with minimum 5 years of safe driving experience and knowledge of basic vehicle maintenance.	36
12	Office Boy- Should have SSC and having 03 years experience in office working procedure	18
13	Chowkidar -(2 No) Should have SSC and having 03 years experience in relevant job	36
	Sub-Total B - Construction Supervision Stage	270
	Total (A + B):	350 MM

The firm must demonstrate **adequate staffing levels** to maintain **continuous supervision during construction** for all active sites.

6. Reporting & Management Arrangements

(i) Reporting Lines

The Consultant will report primarily to the **Project Director** within the Irrigation Department and to the **WWF–Pakistan Site Implementation Unit (SIU)** for safeguard and grant compliance matters. The Administrative and contractual communications will be with the PMU (Irrigation Department).

(ii) Meetings & Reviews

The Consultant will attend and present at regular **progress review meetings** (frequency to be agreed), **design review workshops**, and **pre-bid meetings**. All meeting minutes and action lists will be circulated within **five (5) working days** of each meeting.

(iii) Quality Assurance

The Consultant will implement an internal **Quality Assurance (QA) system** and cooperate with any **third-party monitoring or audits** commissioned by WWF–Pakistan or the Irrigation Department.

7. Duration of the Services

The total duration of the services is 24 months, consisting of 6 months for the design phase (Phases 1 and 2) and 18 months for the construction supervision phase (Phase 3).

8. Facilities To Be Provided By The Client

The Client (Irrigation Department, Government of Sindh) will provide:

- All **reports, studies, and data** available for the project.
- Assistance in obtaining additional data from any **Government or Private agencies/firms**.
- Facilitation for **site access**, permits, and coordination with local authorities.

Professionals/ Key Personnel's Requirements:

The consultancy bid cost shall be the sum of **Key Personnel's remuneration** and **Logistic requirements** as per the details below. All procurements and hiring must be conducted in accordance with **Sindh Public Procurement Rules**.

(A) DIRECT COST

Sr.#	Position	Unit	Nos	Man Month (Estimated)	Monthly Rate	Amount (PKR)
A-1	Design Stage (Phase 1 & 2) Key Staff					
1	Project Manager / Team Leader	Month	1	24		
2	Ecologist / Limnologist	Month	1	6		
3	Bio-Engineering Expert	Month	1	6		
4	Senior Hydraulic / Hydrology Expert	Month	1	6		

Sr.#	Position	Unit	Nos	Man Month (Estimated)	Monthly Rate	Amount (PKR)
5	Structural Design Engineer	Month	1	8		
6	Procurement / Contract Specialist	Month	1	6		
7	Geo-Technical Engineer	Month	1	6		
8	Environmental, Social & Gender Specialist	Month	1	6		
9	GIS Specialist / Climate Modeller	Month	1	6		
10	AutoCAD Draughtsman	Month	1	6		
	Total (A-1)			80		
A-2	Construction Supervision Staff (Phase 3)					
1	Resident Engineer	Month	1	18		
2	Procurement and Contract Specialist	Month	1	18		
3	Material and QA/QC Engineer	Month	1	18		
4	Surveyors	Month	2	36		
5	Site Inspectors	Month	1	18		
6	Quantity Surveyor	Month	1	18		
7	Environmental & Social Safeguard Officer	Month	1	6		
8	Laboratory Technician	Month	1	12		
9	Autocad Operator / Document Controller	Month	1	18		
10	Admin & Finance Assistant	Month	1	18		
11	Support Staff (Office Boys/Chowkidars)	Month	3	54		
12	Drivers	Month	2	36		
	Total (A-2)			270		
	G. Total (A-1 + A-2)			350		

(B) INDIRECT COST

Sr.#	Item Description	Unit	Quantity	Unit Cost	Total Amount (PKR)
1	Travel / TA / DA Costs	Lump sum	1		
2	Communication Costs	Lump sum	1		
3	Purchase of Equipment (Laptops/Printers/GIS Tools)	Nos.	4		
4	Vehicles on Rental Basis (2 Nos)	Vehicle Month	24		
5	POL for Vehicles (2 Nos)	Month	24		
6	Maintenance of Vehicles (2 Nos)	Lump sum	1		
7	Office Accommodation & Utilities (Site Office)	Month	24		
8	Office Furniture & Equipment	Lump sum	1		
9	Stationary, Printing, & Binding	Lump sum	1		
10	Data Collection (Reports, GIS Maps, Satellite Images)	Lump sum	1		
	Total (B)				

SECTION 6 - STANDARD FORM OF CONTRACT

II. General Conditions of Contract

1. GENERAL PROVISIONS

1.1 Definitions

Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- (a) “Applicable Law” means the Sindh Public Procurement Act, thereunder Rules 2010.
- (b) “Procuring Agency PA” means the implementing department which signs the contract
- (c) “Consultant” means a professional who can study, design, organize, evaluate and manage projects or assess, evaluate and provide specialist advice or give technical assistance for making or drafting policies, institutional reforms and includes private entities, consulting firms, legal advisors, engineering firms, construction managers, management firms, procurement agents, inspection agents, auditors, international and multinational organizations, investment and merchant banks, universities, research institutions, government agencies, nongovernmental organizations, and individuals.
- (d) “Contract” means the Contract signed by the Parties and all the attached documents listed in its Clause 1, that is General Conditions (GC), the Special Conditions (SC), and the Appendices.
- (e) “Contract Price” means the price to be paid for the performance of the Services, in accordance with Clause 6;
- (f) “Effective Date” means the date on which this Contract comes into force and effect pursuant to Clause GC 2.1.
- (g) “Foreign Currency” means any currency other than the currency of the PA’s country.
- (h) “GC” means these General Conditions of Contract.
- (i) “Government” means the Government of Sindh.
- (j) “Local Currency” means Pak Rupees.
- (k) “Member” means any of the entities that make up the joint venture/consortium/association, and “Members” means all these entities.
- (l) “Party” means the PA or the Consultant, as the case may be, and “Parties” means both of them.

- (m) “Personnel” means persons hired by the Consultant or by any Sub-Consultants and assigned to the performance of the Services or any part thereof.
- (n) “SC” means the Special Conditions of Contract by which the GC may be amended or supplemented.
- (o) “Services” means the consulting services to be performed by the Consultant pursuant to this Contract, as described in the Terms of References.
- (p) “Sub-Consultants” means any person or entity to whom/which the Consultant subcontracts any part of the Services.
- (q) “In writing” means communicated in written form with proof of receipt.

1.2 Law Governing Contract This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the applicable law.

1.3 Language This Contract is executed in the language specified in the SC, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.

1.4 Notices

1.4.1 Any notice, request or consent required or permitted to be given or made pursuant to this Contract shall be in writing. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent to such Party at the address specified in the SC.

1.4.2 A Party may change its address for notice hereunder by giving the other Party notice in writing of such change to the address specified in the SC.

1.5 Location The Services shall be performed at such locations as are specified in special condition of contract and, where the location of a particular task is not so specified, at such locations, whether in the Government’s country or elsewhere, as the PA may approve.

1.6 Authority of Member in Charge In case the Consultant consists of a joint venture/ consortium/ association of more than one individual firms, the Members hereby authorize the individual firms or specified in the SC to act on their behalf in exercising all the Consultant’s rights and obligations towards the PA under this Contract, including without limitation the receiving of instructions and payments from the PA.

1.7 Authorized Representatives

Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the PA or the Consultant may be taken or executed by the officials specified in the SC.

1.8 Taxes and Duties

The Consultant, Sub-Consultants, and their Personnel shall pay such direct or indirect taxes, duties, fees, and other impositions levied under the Applicable Law as specified in the SC, the amount of which is deemed to have been included in the Contract Price.

1.9 Fraud and Corruption

A. If the PA determines that the Consultant and/or its Personnel, sub-contractors, sub-consultants, services providers and suppliers has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices, in competing for or in executing the Contract, then the PA may, after giving 14 days notice to the Consultant, terminate the Consultant's employment under the Contract, and may resort to other remedies including blacklisting/disqualification as provided in SPPR 2010.

Any personnel of the Consultant who engages in corrupt, fraudulent, collusive, coercive, or obstructive practice during the execution of the Contract, shall be removed in accordance with Sub-Clause 4.2.

Integrity Pact

B. If the Consultant or any of his Sub-consultants, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Consultant as Appendix-G to this Form of Contract, then the PA shall be entitled to:

- (a) recover from the Consultant an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Consultant or any of his Sub-consultant, agents or servants;
- (b) terminate the Contract; and
- (c) recover from the Consultant any loss or damage to the PA as a result of such termination or of any other corrupt business practices of the Consultant or any of his Sub-consultant, agents or servants.

On termination of the Contract under Sub-Para (b) of this Sub-Clause, the Consultant shall proceed in accordance with Sub-Clause 1.9 A. Payment upon such termination shall be made under Sub-Clause 1.9 A after having deducted the amounts due to the PA under 19 B Sub-Para (a) and (c).

2. COMMENCEMENT, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT

- 2.1 Effectiveness of Contract** This Contract shall come into effect on the date the Contract is signed by both Parties or such other later date as may be stated in the SC. The date the Contract comes into effect is defined as the Effective Date.
- 2.2 Commencement of Services** The Consultant shall begin carrying out the Services not later than the number of days after the Effective Date specified in the SC.
- 2.3 Expiration of Contract** Unless terminated earlier pursuant to Clause GC 2.6 hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SC.
- 2.4 Modifications or Variations** Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any proposals for modification or variation made by the other Party.
- 2.5 Force Majeure** The failure on the part of the parties to perform their obligation under the contract will not be considered a default if such failure is the result of natural calamities, disasters and circumstances beyond the control of the parties.
- 2.5.2 No Breach of Contract** The failure of a Party to fulfill any of its obligations under the contract shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event (a) has taken all reasonable precautions, due care and reasonable alternative measures in order to carry out the terms and conditions of this Contract, and (b) has informed the other Party as soon as possible about the occurrence of such an event.
- 2.5.3 Extension of Time** Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.
- 2.5.4 Payments** During the period of their inability to perform the Services as a result of an event of Force Majeure, the Consultant shall be entitled to continue to be paid under the terms of this Contract, as well as to be reimbursed for additional costs reasonably and necessarily incurred by them during such period for the purposes of the Services and in reactivating the Service after the end of such period.

2.6 Termination

2.6.1 By the PA

The PA may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (f) of this Clause GC 2.6.1. In such an occurrence the PA shall give a not less than thirty (30) days' written notice of termination to the Consultant, and sixty (60) days' in the case of the event referred to in (e).

- (a) If the Consultant does not remedy the failure in the performance of their obligations under the Contract, within thirty (30) days after being notified or within any further period as the PA may have subsequently approved in writing.
- (b) If the Consultant becomes insolvent or bankrupt.
- (c) If the Consultant, in the judgment of the PA has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- (d) If, as the result of Force Majeure, the Consultant(s) are unable to perform a material portion of the Services for a period of not less than sixty (60) days.
- (e) If the PA, in its sole discretion and for any reason whatsoever, decides to terminate this Contract.
- (f) If the Consultant fails to comply with any final decision reached as a result of arbitration proceedings pursuant to Clause GC 8 hereof.

2.6.2 By the Consultant

The Consultants may terminate this Contract, by not less than thirty (30) days' written notice to the PA, such notice to be given after the occurrence of any of the events specified in paragraphs (a) through (c) of this Clause GC 2.6.2:

- (a) If the PA fails to pay any money due to the Consultant pursuant to this Contract without consultants fault.
- (b) Pursuant to Clause GC 7 hereof within forty-five (45) days after receiving written notice from the Consultant that such payment is overdue.
- (c) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) days.
- (d) If the PA fails to comply with any final decision reached as a result of arbitration pursuant to Clause GC 8 hereof.

- 2.6.3 Payment upon Termination
- Upon termination of this Contract pursuant to Clauses GC 2.6.1 or GC 2.6.2, the PA shall make the following payments to the Consultant:
- (a) payment pursuant to Clause GC 6 for Services satisfactorily performed prior to the effective date of termination;
 - (b) except in the case of termination pursuant to paragraphs (a) through (c), and (f) of Clause GC 2.6.1, reimbursement of any reasonable cost incident to the prompt and orderly termination of the Contract, including the cost of the return travel of the Personnel and their eligible dependents.

3. OBLIGATIONS OF THE CONSULTANT

3.1 General

- 3.1.1 Standard of Performance
- The Consultant shall perform the Services and carry out their obligations hereunder with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Consultant shall always act, in respect of any matter relating to this Contract or to the Services, as faithful advisers to the PA, and shall at all times support and safeguard the PA's legitimate interests in any dealings with Sub-Consultants or third Parties.

3.2 Conflict of Interests

- The Consultant shall hold the PA's interests paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.

- 3.2.1 Consultants not to Benefit from Commissions, Discounts, etc.
- The payment of the Consultant pursuant to Clause GC 6 shall constitute the Consultant's only payment in connection with this Contract or the Services, and the Consultant shall not accept for their own benefit any trade commission, discount, or similar payment in connection with activities pursuant to this Contract or to the Services or in the discharge of their obligations under the Contract, and the Consultant shall use their best efforts to ensure that the Personnel, any Sub-Consultants, and agents of either of them similarly shall not receive any such additional payment.

- 3.2.2 Consultant and Affiliates not to be Otherwise Interested in Project
- The Consultant agrees that, during the term of this Contract and after its termination, the Consultant and any entity affiliated with the Consultant, as well as any Sub-Consultants and any entity affiliated with such Sub-Consultants, shall be disqualified from providing goods, works or services (other than consulting services) resulting from or directly related to the Consultant's Services for the preparation or implementation of the project.

- 3.2.3 Prohibition of Conflicting Activities The Consultant shall not engage, and shall cause their Personnel as well as their Sub-Consultants and their Personnel not to engage, either directly or indirectly, in any business or professional activities which would conflict with the activities assigned to them under this Contract.
- 3.3 Confidentiality** Except with the prior written consent of the PA, the Consultant and the Personnel shall not at any time communicate to any person or entity any confidential information acquired in the course of the Services, nor shall the Consultant and the Personnel make public the recommendations formulated in the course of, or as a result of, the Services.
- 3.4 Insurance to be Taken Out by the Consultant** The Consultant (a) shall take out and maintain, and shall cause any Sub-Consultants to take out and maintain, at their (or the Sub-Consultants', as the case may be) own cost but on terms and conditions approved by the PA, insurance against the risks, and for the coverage, as shall be specified in the SC; and (b) at the PA's request, shall provide evidence to the PA showing that such insurance has been taken out and maintained and that the current premiums have been paid.
- 3.5 Consultant's Actions Requiring PA's Prior Approval** The Consultant shall obtain the PA's prior approval in writing before taking any of the following actions:
- (a) entering into a subcontract for the performance of any part of the Services,
 - (b) appointing such members of the Personnel not listed by name in Appendix C, and
 - (c) any other action that may be specified in the SC.
- 3.6 Reporting Obligations**
- (a) The Consultant shall submit to the PA the reports and documents specified in (PA may insert appendix) hereto, in the form, in the numbers and within the time periods set forth in the said Appendix.
 - (b) Final reports shall be delivered in CD ROM in addition to the hard copies specified in said Appendix.
- 3.7 Documents Prepared by the Consultant to be the Property of the PA**
- (a) All plans, drawings, specifications, designs, reports, other documents and software submitted by the Consultant under this Contract shall become and remain the property of the PA, and the Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to the PA, together with a detailed inventory thereof.
 - (b) The Consultant may retain a copy of such documents and software. Restrictions about the future use of these documents, if any, shall be specified in the SC.

3.8 Accounting, Inspection and Auditing

3.8.1 The Consultant shall keep, and shall cause its Sub-consultants to keep, accurate and systematic accounts and records in respect of the Contract, in accordance with internationally accepted accounting principles and in such form and detail as will clearly identify relevant time changes and costs.

3.8.2 The Consultant shall permit, and shall cause its Sub-consultants to permit, the PA and/or persons appointed by the PA to inspect its accounts and records relating to the performance of the Contract and the submission of the Proposal to provide the Services, and to have such accounts and records audited by auditors appointed by the PA if requested by the PA. The Consultant's attention is drawn to Clause 1.9.1 which provides, inter alia, that acts intended to materially impede the exercise of the PA's inspection and audit rights provided for under Clause 3.8 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the PA's prevailing sanctions procedures.).

4. CONSULTANT'S PERSONNEL

4.1 Description of Personnel

The Consultant shall employ and provide such qualified and experienced Personnel and Sub-Consultants as are required to carry out the Services. The titles, agreed job descriptions, minimum qualifications, and estimated periods of engagement in the carrying out of the Services of the Consultant's Key Personnel are described in Appendix C. The Key Personnel and Sub-Consultants listed by title as well as by name in Appendix C are hereby approved by the PA.

4.2 Removal and/or Replacement of Personnel

(a) Except as the PA may otherwise agree, no changes shall be made in the Key Personnel. If, for any reason beyond the reasonable control of the Consultant, such as retirement, death, medical incapacity, among others, it becomes necessary to replace any of the Key Personnel, the Consultant shall provide as a replacement a person of equivalent or better qualifications.

(b) If the PA finds that any of the Personnel have (i) committed serious misconduct or have been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the Personnel, then the Consultant shall, at the PA's written request specifying the grounds thereof, provide as a replacement a person with qualifications and

experience acceptable to the PA.

- (c) The Consultant shall have no claim for additional costs arising out of or incidental to any removal and/or replacement of Personnel.

5. OBLIGATIONS OF THE PA

- 5.1 Assistance and Exemptions** The PA shall use its best efforts to ensure that the Government shall provide the Consultant such assistance and exemptions as specified in the SC.
- 5.2 Change in the Applicable Law Related to Taxes and Duties** If, after the date of this Contract, there is any change in the Applicable Law with respect to taxes and duties which increases or decreases the cost incurred by the Consultant in performing the Services, then the remuneration and reimbursable expenses otherwise payable to the Consultant under this Contract shall be increased or decreased accordingly by agreement between the Parties, and corresponding adjustments shall be made to the amounts referred to in Clauses GC 6.2 (a) or (b), as the case may be.
- 5.3 Services and Facilities** The PA shall make available free of charge to the Consultant the Services and Facilities listed under Appendix F.

6. PAYMENTS TO THE CONSULTANT

- 6.1 Security** The consultant has to submit bid security and the performance security at the rate mention in SC.
- 6.2 Lump-Sum Payment** The total payment due to the Consultant shall not exceed the Contract Price which is an all inclusive fixed lump-sum covering all costs required to carry out the Services described in Appendix A. Except as provided in Clause 5.2, the Contract Price may only be increased above the amounts stated in Clause 6.2 if the Parties have agreed to additional payments in accordance with Clause 2.4.
- 6.3 Contract Price** The price payable in Pak Rupees/foreign currency/ is set forth in the SC.
- 6.4 Payment for Additional Services** For the purpose of determining the remuneration due for additional services as may be agreed under Clause 2.4, a breakdown of the lump-sum price is provided in Appendices D and E.
- 6.5 Terms and Conditions of Payment** Payments will be made to the account of the Consultant and according to the payment schedule stated in the SC. Unless otherwise stated in the SC, the first payment shall be made against the provision by the Consultant of an advance payment guarantee for the same amount, and

shall be valid for the period stated in the SC. Such guarantee shall be in the form set forth in Appendix G hereto, or in such other form, as the PA shall have approved in writing. Any other payment shall be made after the conditions listed in the SC for such payment have been met, and the Consultant has submitted an invoice to the PA specifying the amount due.

7. GOOD FAITH

- 7.1 Good Faith** The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.

8. SETTLEMENT OF DISPUTES

- 8.1 Amicable Settlement** The Parties agree that the avoidance or early resolution of disputes is crucial for a smooth execution of the Contract and the success of the assignment. The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or its interpretation.
- 8.2 Dispute Resolution** Any dispute between the Parties as to matters arising pursuant to this Contract that cannot be settled amicably within thirty (30) days after receipt by one Party of the other Party's request for such amicable settlement may be submitted by either Party for settlement in accordance with the provisions specified in the SC.

III. SPECIAL CONDITIONS OF CONTRACT

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
1.3	The language is English.
1.4 1.4.1	Notices Any notice, request, or consent made pursuant to this Contract shall be in writing and shall be deemed to have been made when delivered in person to an Authorized Representative of the Party to whom the communication is addressed, or when sent by registered mail, telex, or facsimile to such Party at the address of the Authorized Representative as specified below: The addresses are: Procuring Agency: <u>Small Dams Region Sindh Hyderabad</u> Attention: <u>Superintending Engineer Small Dams Circle Sindh Hyderabad</u> Facsimile: <u>022-2633373</u> E-mail: <u>se_sdo@hotmail.com</u> Consultant: _____ Attention: _____ Facsimile: _____ E-mail: _____
1.6	Authority Member in Charge The Member in Charge is<i>[insert name of member]</i> <i>Note: If the Consultant consists of a joint venture/ consortium/ association of more than one entity, the name of the entity whose address is specified in Clause SC 1.7 should be inserted here. If the Consultant consists only of one entity, this Clause SC 1.6 should be deleted from the SC.</i>
1.7	Authorized Representatives The Authorized Representatives are the following : For the PA: <u>Small Dams Region Sindh Hyderabad</u> Telephone: <u>022-2633373</u> Facsimile: _____ E-mail: <u>se_sdo@hotmail.com</u> For the Consultant: _____ Telephone: _____ Facsimile: _____ E-mail: _____
1.8	Taxes and Duties The direct or indirect taxes, duties, fees and other imposition levied under the applicable law are as follows: - Income tax - Sales tax / Direct SRP Tax - Stamp duty - Any other tax and imposition applicable as per applicable law at the time of proposal submission

2.1	Effectiveness of Contract i) Date of Signing ii) Availability of key staff
2.2	Commencement of Services The date for the Commencement of Services shall not be more than 07 days. _____
2.3	Expiration of Contract The Clause is amended as follows: Unless terminated earlier pursuant to Sub-Clause 2.6, this Contract shall expire when, pursuant to the provisions hereof, the Services have been completed and the payments of remunerations including the direct costs if any, have been made. The Services shall be completed within a period of 730 days (24 months) or such extended time as may be allowed under Sub-Clause 2.5.3.
2.5	Force Majeure The Contents of the Clause are deleted in its entirety and replaced with the following:
2.5.1	Definition a. For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party and which makes a Party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances, and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other adverse weather conditions, strikes, lockouts or other industrial actions (except where such strikes, lockouts or other industrial actions are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by government agencies. b. Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or such Party's Subconsultants or agents or employees, nor (ii) any event which a diligent Party could reasonably have been expected to both (A) take into account at the time of the conclusion of this Contract and (B) avoid or overcome in the carrying out of its obligations hereunder. Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.
2.5.3	Extension of Time The Contents of the Clause are deleted in its entirety and replaced with the following: If the scope or duration of the Services is increased: a. the Consultants shall inform the PA of the circumstances and probable effects; b. the increase shall be regarded as Additional Services; and the PA shall extend the time for Completion of the Services accordingly.

2.6	Termination Following Sub-Clauses are added:
2.6.4	Disputes about Events of Termination If either Party disputes whether an event specified in paragraphs (a) through (f) of Sub-Clause 2.6.1 or in paragraphs (a) through (d) of Sub-Clause 2.6.2 hereof has occurred, such Party may, within forty-five (45) days after receipt of notice of termination from the other Party, refer the matter to arbitration pursuant to Clause 8 hereof, and this Contract shall not be terminated on account of such event except in accordance with the terms of any resulting arbitral award.
2.6.5	Cessation of Services Upon receipt of notice of termination under Sub-Clause 2.6.1, or giving of notice of termination under Sub-Clause 2.6.2, the Consultants shall take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum.
3.4	Insurance to taken out by the Consultants The risks and the coverage shall be as follows: a. Third Party motor vehicle liability insurance in respect of motor vehicles operated by the Consultant or its Personnel or any Sub-Consultants or their Personnel, with a minimum coverage as per applicable law b. Third Party liability insurance, with a minimum coverage as per applicable law c. professional liability insurance, with a minimum coverage of twice the total remuneration of the Consultant for Design Phase d. employer's liability and workers' compensation insurance in respect of the Personnel of the Consultant and of any Sub-Consultants, in accordance with the relevant provisions of the Applicable Law, as well as, with respect to such Personnel, any such life, health, accident, travel or other insurance as may be appropriate; and e. insurance against loss of or damage to (i) equipment purchased in whole or in part with funds provided under this Contract, (ii) the Consultant's property used in the performance of the Services, and (iii) any documents prepared by the Consultant in the performance of the Services.
3.5 (c)	Consultants' Actions Requiring Client's Prior Approval The other actions are: The Consultants shall obtain the Client's prior approval in writing before taking any of the following actions: a) appointing such Personnel as are listed in Appendix-C merely by title but not by name;

	b) entering into a subcontract for the performance of any part of the Services, it being understood (i) that the selection of Subconsultants and the terms and conditions of the subcontract shall have been approved in writing by the PA prior to the execution of the subcontract, and (ii) that the Consultants shall remain fully liable for the performance of the Services by the Subconsultants and its Personnel pursuant to this Contract; c) The Consultants shall also clear with the Client, before commitments on any action they propose to take under the following: I. Issuing Variations Orders in respect of: • additional items of Works as determined by the Engineer to be necessary for the execution of Works. • any new item of the Works not envisaged in the Contract Documents and which is determined by the Engineer to be necessary for the execution of Works. • any item of Works covered under Provisional Sums II. Claim from the Contractor for extra payment with full supporting details and Consultants recommendations, if any, for settlement. III. Details of any nominated sub-contracts. IV. Any action under terms of Performance Guarantee or Insurance Policy. V. Any action by the Consultants affecting the costs under the following clauses of Conditions of Contract of the Construction Contract. • Adverse Physical Conditions and Artificial Obstructions • Suspension of Works • Bonus and Liquidated Damages • Certificate of Completion of Works • Defects Liability Certificate • Forfeiture • Special Risks • Frustration VI. Final Measurement Statement VII. Release of Retention Money VIII. Any change in the ratios of various currencies of payment.
4.1	Description of Personnel Following is added at the end of the Clause: a) Adjustment with respect to the estimated periods of engagement of various salary grades of the Personnel set forth in Appendix C may be made by the Consultants in accordance with the actual requirements of the Contract to ensure efficient performance of the Services, provided that the aggregate of such adjustments shall not cause payments under this Contract to exceed the ceilings set forth in Sub-Clause 6.2.1(a) of this Contract.

4.2 (c)	Removal and / or Replacement of Personnel The Section (c) of the Clause is amended as follows: Any of the Personnel provided as a replacement under Sub-Clauses (a) and (b) above, the rate of remuneration applicable to such person as well as any reimbursable expenditures (including expenditures due to the number of eligible dependents) the Consultants may wish to claim as a result of such replacement, shall be subject to the prior written approval by the Client. Except as the PA may otherwise agree, (i) the Consultants shall bear all additional travel and other costs arising out of or incidental to any removal and/or replacement, and (ii) the remuneration to be paid for any of the Personnel provided as a replacement shall not exceed the remuneration which would have been payable to the Personnel replaced.
	Following Clauses are added
4.3	Approval of Personnel The Key Personnel and Subconsultants listed by title as well as by name in Appendix C are deemed to be approved by the Client. In respect of other Key Personnel which the Consultants propose to use in carrying out of the Services, the Consultants shall submit to the PA for review and approval a copy of their biographical data. If the PA does not object in writing (stating the reasons for the objection) within fourteen (14) calendar days from the date of receipt of such biographical data, such Key Personnel shall be deemed to have been approved by the Client.
4.4	Working Hours, Leave, Overtime, etc. Except for the staff covered under reimbursable direct costs expenditure, the Consultants' remuneration given in Appendix D and Appendix E shall be deemed to cover paid casual leave, sick leave and earned leave. The PA will reimburse overtime payments to eligible Personnel provided by the Consultants, in respect of support staff and work charged staff. Any taking of leave by Personnel shall be subject to the prior approval by the Consultants who shall ensure that absence for leave purposes will not delay the progress and adequate supervision of the Services. Such leave taking of the Authorized Representative of the Consultants at site, if any, shall be preceded by the PA informed in writing.
4.6	Resident Engineer The Consultants shall ensure that at all times during the Consultants' performance of the Services, a Resident Engineer acceptable to the Client, shall take charge of the performance of such Services. If Applicable, Resident Engineer Name: Address:

5.1	Assistance and Exemptions Following Sub-Clauses are added:
5.1.1	Assistance The PA shall use its best efforts to ensure that the PA shall: a. provide at no cost to the Consultants, Subconsultants and Personnel such documents prepared by the PA or other consulting engineers appointed by the PA as shall be necessary to enable the Consultants, Subconsultants or Personnel to perform the Services. The documents and the time within which such documents shall be made available, are as follows: b. The PA shall make available within 15 days from the Commencement Date, the documents namely the available data, record and reports regarding the project. c. This list if warranted shall be supplemented subsequently. d. assist to obtain the existing data relevant to the carrying out of the Services, with various Government and other organisations. Such items shall be returned by the Consultants upon completion of the Services under this Contact; e. issue to officials, agents and representatives of the concerned organisations, all such instructions as may be necessary or appropriate for prompt and effective implementation of the Services; f. provide to the Consultants, Subconsultants, and Personnel any such other assistance and exemptions as mentioned below: g. Other assistance and exemptions to be provided by the PA are h. assist to obtain permits which may be required for right-of-way, entry upon the lands and properties for the purposes of this Contract.
5.1.2	Co-ordination The PA shall: (a) coordinate and get or expedite any necessary approval and clearances relating to the work from any Government or Semi-Government Agency, Department or Authority, and other concerned organization named as follow: (b) coordinate with any other consultants employed by him.

5.1.3	Approvals The PA shall accord approval of the documents immediately but not later than fourteen (14) days from the date of their submission by the Consultants.
5.1.4	Access to Land The PA warrants that the Consultants shall have, free of charge, unimpeded access to all land of which access is required for the performance of the Services.
5.1.5	Payments In consideration of the Services performed by the Consultants under this Contract, the PA shall make to the Consultants such payments and in such manner as is provided by Clause 6 of this Contract.
5.1.6	Counter Part Personnel (a) If so provided in Appendix-F hereto, the PA shall make available to the Consultants, as and when provided in such Appendix-F, and free of charge, such counterpart personnel to be selected by the Client, with the Consultants' advice, as shall be specified in such Appendix-F. Counterpart personnel shall work under the exclusive direction of the Consultants. If any member of the counterpart personnel fails to perform adequately any work assigned to such member by the Consultants which is consistent with the position occupied by such member, the Consultants may request the replacement of such member, and the PA shall not unreasonably refuse to act upon such request. (b) If counterpart personnel are not provided by the PA to the Consultants as and when specified in Appendix-F, the PA and the Consultants shall agree on; (i) how the affected part of the Services shall be carried out; and (ii) the additional payments, if any, to be made by the PA to the Consultants as a result thereof pursuant to Sub-Clause 6.2.1(c) hereof.
6.1	Security The Consultant has to submit bid Security @ 2% of the total bid amount. The successful bidders shall be required to submit Performance security @ 10% of the Contract amount.
	The Clause 6.2 is deleted in its entirety and replaced with the following:
6.2	Payments to the Consultants
6.2.1	Cost Estimates, Ceiling Amount (a) An estimate of the cost of Services payable in foreign and local currencies is set forth in Appendices D and E respectively. Except as may be otherwise agreed under Sub-Clause 2.4 and subject to Sub-Clause 6.2.1 (b), payments under this Contract shall not exceed the ceilings in foreign currency in Appendix D and in local currency in Appendix E. The Consultants shall notify the PA as soon as cumulative charges incurred for the Services have reached 80% of either of these ceilings.

	(b) Notwithstanding Sub-Clause 6.2.1(a) hereof, if pursuant to any of the Sub-Clauses 5.2, 5.3 or 6.4 hereof, the Parties shall agree that additional payments in local and/or foreign currency, as the case may be, shall be made to the Consultants in order to cover any necessary additional expenditures relating to remuneration not envisaged in the cost estimates referred to in Sub-Clause 6.2.1(a) above, and the ceiling or ceilings, as the case may be, set forth in Sub-Clause 6.2.1(a) above shall be increased by the amount or amounts, as the case may be, of any such additional payments. (c) Notwithstanding Sub-Clause 6.2.1(b) hereof, if pursuant to any of the Sub-Clauses 5.2, 5.3 or 5.1.6 hereof, the Parties shall agree that additional payments in local and/or foreign currency, as the case may be, shall be made to the Consultants in order to cover any necessary additional expenditures relating to reimbursable direct cost not envisaged in the cost estimates referred to in Sub-Clause 6.2.1(a) above, the ceiling or ceilings, as the case may be, set forth in Sub-Clause 6.2.1(b) above shall be increased by the amount or amounts, as the case may be, of any such additional payments.
6.3	Contract Price The price shall be payable in Pak Rupees only and is set forth in Appendix E
6.5	Terms and Conditions of Payment Billing and payments in respect of the Services shall be made as follows: a) As soon as practicable and preferably within thirty (30) days after the end of each calendar month during the period of the Services, the Consultants shall submit to the Client, in duplicate, itemized statements, accompanied by copies of receipted invoices, vouchers and other appropriate supporting materials, of the amounts payable pursuant to Sub-Clauses 6.3 and 6.4 for such month. Separate monthly statements shall be submitted in respect of amounts payable in foreign currency and in local currency. Monthly statement shall distinguish that portion of the total eligible costs which pertains to remuneration from that portion which pertains to reimbursable direct costs expenditure. In case of a joint venture, separate monthly statements shall be submitted in respect of amounts payable to each Member of the joint venture of the Consultants. b) The PA shall cause the payment of the Consultants' monthly statements within twenty-eight (28) days for amounts in local currency and within fifty six (56) days for amounts in foreign currency after the receipt by the PA of such statements with supporting documents. Only such portion of a monthly statement that is not satisfactorily supported may be withheld from payment. Should any discrepancy be found to exist between actual payment

	and costs authorized to be incurred by the Consultants, the Client, after seeking clarification from the Consultants, may add or subtract the difference from any subsequent payments. c) The final payment under this Clause shall be made only after the final report and a final statement, identified as such, shall have been submitted by the Consultants and approved as satisfactory by the Client. The Services shall be deemed completed and finally accepted by the PA and the final report and final statement shall be deemed approved by the PA as satisfactory ninety (90) calendar days after receipt of the final report and final statement by the PA unless the Client, within such ninety (90) days period, gives written notice to the Consultants specifying in detail deficiencies in the Services, the final report or final statement. The Consultants shall thereupon promptly make any necessary corrections, and upon completion of such corrections, the foregoing process shall be repeated. Any amount which the PA has paid or caused to be paid in accordance with this Clause in excess of the amounts actually payable in accordance with the provisions of this Contract shall be reimbursed by the Consultants to the PA within thirty (30) days after receipt by the Consultants of notice thereof. Any such claim by the PA for reimbursement must be made within fifty six (56) days after receipt by the PA of a final report and a final statement approved by the PA in accordance with the above. The PA shall cause the final payment to the Consultants within fifty six (56) days of receipt of final invoice from the Consultants, after completion of Services finally accepted alongwith the final report and statement of the Consultants by the Client. d) All payments under this Contract shall be made to the bank account of the Consultants to be notified later.
8.2	Dispute Resolution Clause 8.2 is deleted in its entirety and replaced with the following: Any dispute between the Parties as to matters arising pursuant to this Contract which cannot be settled amicably within thirty (30) days after receipt by one Party of the other Party's request for such amicable settlement may be submitted by either Party for settlement in accordance with the provisions of the Arbitration Act, 1940 (Act No. X of 1940) and Rules made thereunder and any statutory modifications thereto. Services under the Contract shall, if reasonably possible, continue during the arbitration proceedings and no payment due to or by the PA shall be withheld on account of such proceedings.
	Following Clause is added:

9.1	9. INTEGRITY PACT If the Consultant or any of his Subconsultants, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Consultant as Appendix-G to this Form of Contract, then the PA shall be entitled to: (a) recover from the Consultant an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Consultant or any of his Subconsultant, agents or servants; (b) terminate the Contract; and (c) recover from the Consultant any loss or damage to the PA as a result of such termination or of any other corrupt business practices of the Consultant or any of his Subconsultant, agents or servants. On termination of the Contract under Sub-Para (b) of this Sub-Clause, the Consultant shall proceed in accordance with Sub-Clause 2.6.5. Payment upon such termination shall be made under Sub-Clause 2.6.3 (a) after having deducted the amounts due to the PA under Sub-Para (a) and (c) of this Sub-Clause.
-------------------	--

MODEL FORM

Breakdown of Agreed Fixed Rates in Consultants' Contract

We hereby confirm that we have agreed to pay to the staff members listed, who will be involved in this assignment, the basic salaries and field allowances (if applicable) indicated below):

		1	2	3	4	5	6	7	8
		Basic Salary per Working Month/Day/Hour	Social Charges (% of 1)	Overhead (% of 1&2)	Subtotal	Fee (% of 4)	Overseas/field Allowance (% of 1)	Agreed Fixed Rate per Working Month/Day/Hour	Agreed Fixed Rate (% of 1)
Name	Position								
(Expressed in _____ (name of currency)_____)									

Signature
Name: _____
Title: _____

_____ Date _____