



Sui Northern Gas Pipelines Limited

P.O. BOX # 96, SARGODHA ROAD, FAISALABAD, PH. 041-9210004

Ref: FST/TE/ 021 /26

Dated: 14.04.2026

M/s.

Dear Sir,

INVITATION TO BID / INSTRUCTIONS TO BIDDERS
RECHARGEABLE DRY BATTERIES
OUR TENDER ENQUIRY No. FST/TE/ 021 /26
OPENING DATE 05.05.2026

1-A) We enclose one set of our Tender Enquiry for supply of subject noted items comprising of the following: -

- | | |
|---|----------------------|
| i). General Terms | Appendix 'A' |
| ii). Schedule of Requirement and Delivery | Appendix 'B' |
| iii). Technical Specifications | Appendix 'C1 To C13' |
| iv). Price Term Sheet | Appendix 'D' |
| v). Specimen of Bid Bond | Appendix 'E' |
| vi). Specimen of Performance/Warranty Bond | Appendix 'F' |
| vii). Format of Authority Letter for attending public opening of bids (to be provided by the bidders representatives to the bid opening Committee at the time of public opening of technical as well as commercial bids). | Appendix 'G' |
| viii). Questionnaire / Commercial Sheet | Appendix 'H' |
| ix). Manner and Mechanism To Blacklisting / Cross Debarring of Supplier Or Contractor | Appendix 'I' |

2. Your firm and irrevocable offer in Pak Rupees must be based on free delivery at our **Main Stores, Sui Gas Office Sargodha Road, Faisalabad**
3. The delivery must conform to the terms given in the "Schedule of Requirement and Delivery" (Appendix 'B') and must be strictly adhered to. Earlier delivery will also be acceptable.
4. General Terms attached as Appendix-A, must be taken into consideration before submitting your quotation.
5. Your offer must remain open for a period of **60 days** from the closing date of the tender.
6. If you have any doubts as to the meaning of any portion of the specifications or "General Terms", you should when submitting your bid, set out in your covering letter, the interpretation upon which you rely.
7. It is to be noted that the original copy of Bid as per the bid quoted on EPADS alongwith Bid Security Declaration and tender documents fee for Rs.1,000/- in shape of BG/CDR/PO (in original) must be submitted at the following address on or before the closing time / date of tender enquiry:-

Procurement Department
SNGPL Transmission Headquarters,
Sargodha Road, Faisalabad.

The tender enquiry number and tender closing / opening time must be mentioned clearly on the tender envelope.

8. Both original and duplicate bids/quotations must be enclosed in duplicate **sealed cover**. Both the **Inner and outer envelope** must marked with the following:-

"Confidential "

- Bid / Quotation for the supply of **Material as per SOR Appendix-B**
- Tender Enquiry No. **FST/TE/021/26**
- Bid opening date **05.05.2026 Time 1530 Hours**

Sealed cover should not bear any marking which can give any indication about the sender. Offer received by Telex/Telefax/Cable/E-mail will not be accepted.

9. Bids/quotations will be received in this office on or before **05.05.2026 by 1500 hours** and will be opened publicly on the same date at **1530 hours** at the address mentioned at Sr.7 above. In case of holiday(s) falling on the date of bids opening bids/quotations will be opened at the same time on the next working day. It will be the responsibility of the bidder to deliver the bids before the closing time. The Company does not take any responsibility, whatsoever, of collection of bids from any agency. Bids/Quotations received after the bids opening date and time will not be considered and will be returned.
10. ***We reserve the right to increase/decrease the quantities or cancel this enquiry in whole or in part before tender opening should our requirement change in the meantime. After tender opening, the quantities may be increased / decreased by 15% of the tender quantities. However, decrease beyond 15% shall be subject to concurrence by the successful bidder.***
11. We also reserve the right to have items 100% inspected by a third party at our own expense, or by our Engineer at your manufacturing premises as well as our Inspection Shop.
12. It must be indicated by the bidders by their offers/quotations that their quotation fully conforms to technical specifications and to the terms and conditions of the tender enquiry.
13. Only one authorized representative of bidder will be allowed to attend the public opening of bids, who will be required to submit an authority letter (as per specimen attached as Appendix 'G') in his favour issued by the respective bidders(s) for attending the public opening of bids, failing which he will not be allowed to attend the public opening.
14. Any attempt to obstruct competition by any means including formation of cartels will lead to rejection of your bid. Furthermore, this may also lead to de-listing for your firm from list of approved /pre-qualified manufacturers of the tendered item.
15. Reservations / Clarifications, if any w.r.t. tender terms / specifications should be asked by the bidder's 7-days prior to the closing date of the tender.
16. If needed be, please contact **Mr. M. Asim Qureshi, Dy. Chief Officer (Procurement)** Ph: # 041-9210004, e-mail: muhammad.asim@sngpl.com.pk
17. It is contractor's responsibility to take measures as per General Procedure of HSE in view of the environmental health, safety law and regulations, which is available at www.sngpl.com.pk.
18. Blacklisting and Debarment of bidders and suppliers shall be as per PPRA Rule No.19.
19. "Bidders are required to submit their firm and irrevocable offer in Pak Rupees inclusive of all Govt. Taxes, Duties & levies etc; except sales tax, which must be based on free delivery at our specified stores/location. The amount of Sales Tax, where applicable, would be mentioned separately. **In case GST is not mentioned separately, it shall be considered that offered bid price is inclusive of GST.**
However, bidder may be required to provide documentary evidence regarding application or exemption of sales tax as mentioned in bid, if required by us during evaluation of bids or after placement of order/contract. Payment of sales tax shall be made as per prevailing Govt. rules/ regulations."

Yours faithfully,

SUI NORTHERN GAS PIPELINES LIMITED



(M. ASIM QURESHI)
DY. CHIEF OFFICER (PROCUREMENT)
for MANAGING DIRECTOR

SCHEDULE OF REQUIREMENT/DELIVERY
TENDER ENQUIRY No. FST/TE/ 021 /26

The approximate total requirement of **Material's** and **delivery** required is as under :-

Sr. No	Description	U O M	Qty.	Rate	Bid Bond Valuing (Rs)	Delivery Required
1	Rechargeable Seal Battery, 12 V - 42 Ah, RLA Specifications attached as Appendix-C1	No.	24		49,862.00	SNGPL requires the material within 30 days at Our Stores, Transmission HQ, Faisalabad, however, you may quote your best delivery period. Note (As per Appendix-A Clause 6.2) <i>Every bidder is required to submit only one proposal / option against of one tender documents set. Alternate / second option / proposal can be submitted by procuring new tender documents set with submission of separate bid bond. Submission of more than one options / offers against purchase of one tender document set by submitting one bid bond will lead to disqualification / rejection of the whole bid. No further chance / clarification to withdraw additional offer / option will be provided.</i>
2	Sealed Rechargeable Dry Battery 12V, 33/35 Amp HR, Dimension=7.5"L x 5"W x 6.5"H Specifications attached as Appendix-C2	No.	4			
3	Dry Battery Cell 1.5 volt (D - Size) Specifications attached as Appendix-C3	No.	300			
4	Dry Battery UME 115DR26R 60 Amp, hr, 12 Volts Specifications attached as Appendix-C4	No.	14			
5	Charger for Rechargeable Battery Bank for IoT Pressure Transmitter Specifications attached as Appendix-C5	No.	5			
6	Rechargeable Battery Bank for IoT Pressure Transmitter, Specifications attached as Appendix-C6	No.	40			
7	Dry Battery Re-Chargeable, 12V, 7.0 Amp Specifications attached as Appendix-C7	No.	23			
8	Sealed Rechargeable Dry Battery 12V, 33/35 Amp HR, Dimension=7.5"L x 5"W x 6.5"H Specifications attached as Appendix-C8	No.	7			
9	Lithium Cell-3.6 VOLTS, Non-Rechargeable, Length: 25 mm, Dia: 14 mm Size 1/2 AA Specifications attached as Appendix-C9	No.	10			
10	Rechargeable Sealed Battery Gel Type, 12V & 100AH. Specifications attached as Appendix-C10	No.	2			
11	Battery Cell, 1.5 V, Type: AA S Specifications attached as Appendix-C11	No.	50			
12	Cell 9V Size, (8.4-9) volts, Ni-MH, 200m Ah Specifications attached as Appendix-C12	No.	10			
13	Maintenance Free Battery 12VDC (Rechargeable) Specifications attached as Appendix-C13	No.	8			

NOTES:

1.	Each item shall be evaluated separately.
2.	As a result of evaluation / scrutiny of bid, if any clarification is sought by SNGPL, bidders are required to adhere to the timeline specified by the SNGPL. In case of non-compliance to the timeline, SNGPL reserves the right to proceed further without any recourse.
3.	Material should be supplied as per our specification, substandard / defective material will have to be replaced by you on 'NO CHARGE BASIS' even after our acceptance.
4.	Conditional bids are liable for rejection. For example but not limited to: <ul style="list-style-type: none"> - Rate of exchange fluctuation - Partial order acceptance - Government duties & taxes etc.
5.	Bidder must conform to the specified tender terms.

6.	We require delivery as per above mentioned schedule / period, you however may quote your best delivery schedule period.
7.	The Company reserves the right to extend the opening date of tender enquiry without assigning any reason whatsoever.
8.	Your offer should be accompanied by a copy of valid Sales Tax Registration, NTN and Professional Tax clearance certificate in your name, failing which the offer will not be considered for evaluation.
9.	The Company reserves the right to accept and / or to reject any offer without assigning any reasons.
10.	Sales Tax will be paid to you on submission of documentary evidence.
11.	We require the delivery as per above mentioned schedule / period. You however, you however, may quote your best delivery schedule period.
12.	Bidder in their quotation write the prices in figures as well as in words. In case of any dispute between unit price, and total price, the unit price shall prevail.
13.	Discount, if any, should be boldly shown under the prices. Discount, if conditional or not read at the time of bid opening shall not considered during bid evaluation.
14.	We reserve the right to increase/decrease the quantities or cancel this enquiry in whole or in part before tender opening should our requirement change in the meantime. After tender opening, the quantities may be increased / decrease by 15% of tender quantities. However, decrease beyond 15% shall be subject to concurrence by the successful bidder.
15.	Your deliveries are liable to be tested / physically inspected by us and if you fail to supply the material according to our specifications we reserve the right to cancel the purchase order.
16.	Bids will be evaluated and accepted for above offered quantity. No bid will be acceptable for less than the quantity specified above in the schedule of requirement.
17.	Please not that only firm and irrevocable offer will be considered for evaluation and acceptance, and no offer which contains any conditions such as the quoted price linked with foreign exchange rates, custom duty and transportation etc. will not be considered for acceptance.
18.	Please indicate clearly your reservations if any, to the terms and conditions of the tender enquiry, on the quotation.
19.	It is contractor's responsibility to take measures as per General Procedure of HSE in view of the environmental health, safety law and regulations, which is available at www.sngpl.com.pk .
20.	The following documents / information must be provided along with the bid:- a) Name of the bidder. b) Type of ownership i.e. Proprietor / Partnership / Private Limited Company /Public Limited Company. Following relevant papers must be provided in respective cases:- i) Copy of NIC in case of single proprietor ii) Copy of Partnership deed in case of partnership iii) Copy of Article of Association for Private / Public Limited Companies. c) Date of establishment of business concern. d) GST Number alongwith copy of certificate. e) National Tax Number alongwith copy of certificate. f) Professional Tax Clearance Certificate.(2025-26)
21.	The bidder is required to be on Active Taxpayer List of FBR for obtaining tender documents and quoting bid against tender enquiry.

GENERAL TERMS**1. LANGUAGE**

The ruling language of this tender is English.

2. PRICES

- 2.1 Bidders are required to submit their firm and irrevocable offer in Pak Rupees, which must be based on free delivery at our specified stores/location.
- 2.2 Prices should be quoted on Price Terms Sheet on Appendix “D”. Bid for lesser quantities than specified in the tender shall not be accepted.

3. STANDARDS

- 3.1 Where National/International standards are specified, material meeting other authoritative standards which ensure an equal or higher quality than the standards mentioned will also be acceptable.
- 3.2 Where definitions are given in terms of specific National/International standards those should be taken as a very close approximation of the requirements to be met.
- 3.3 In each case where reference is made to any specific National/International standards, ensuring equal or higher quality will also be acceptable. In case your offer conforms to Standards other than specified in the tender enquiry, you are required to submit along with your bid, one copy each of those standards in English, and evidence that the standards used are recognized and authoritative standards which ensure equal or higher quality. In case you do not submit the required evidence and copy of the standards, then your offer may not be considered.
- 3.4 In case the bidder is not able to fully comply with the technical specifications of tender enquiry, he must indicate his reservations in the offer and submit complete specifications/literature of the items he is offering. Bids will be disqualified if relevant technical literature/specifications are not attached to the offer.

4. CLARIFICATION OF BID

- 4.1 Quotations should not have any over-writings. Corrections if any, must be made by deleting and re-writing. All such deletions/cuttings must be authenticated by additional signatures. Quotations carrying over-writing are likely to be disregarded.
- 4.2 No bidder will be permitted to alter his bid after the bids have been opened, but clarifications not altering the substance of the bid may be solicited and/or accepted. No bidder will be asked or required to alter the substance of his bid.
- 4.3 It is the intention of Sui Northern Gas Pipelines Limited, to deal directly with manufacturers of the items required.
- 4.4 All deviations from or exceptions to, or qualifications of specifications shall be clearly stated separately in the proposals.
- 4.5 The manufacturers should offer only one product against each item, in conformity with the specifications stipulated in the tender documents.

5. REJECTION OF BIDS.

- 5.1 Sui Northern Gas Pipelines Limited reserves the right to reject any or all bids which do not meet the intent of the specifications or where there is evidence of lack of competition or where the lowest bid exceeds the cost estimated by an amount which in the opinion of Sui Northern Gas Pipelines Limited is sufficient to justify such a cause.
- 5.2 The Company does not bind itself to accept the lowest or any particular bid or any part of a bid, nor will be responsible to pay the expenses or losses which may be incurred by any tenderer/ bidder in the preparation of his bid.

6. EVALUATION OF BIDS

- 6.1 For the purposes of determining the lowest evaluated bid, facts other than price such as guaranteed delivery period, reliability and efficiency of material, availability of service and spare parts and creditability of bidders will be taken into consideration.
- 6.2 Every bidder is required to submit only one proposal / option against of one tender documents set. Alternate / second option / proposal can be submitted by procuring new tender documents set with submission of separate bid bond. Submission of more than one options / offers against purchase of one tender document set by submitting one bid bond will lead to disqualification / rejection of the whole bid. No further chance / clarification to withdraw additional offer / option will be provided.
- 6.3 Bids will be evaluated on item-wise basis, unless and until mentioned otherwise. However, in case, after evaluation, the tendered quantities are splatted between two or more bidders and chunk of any supplier(s) is too small to cover administrative cost on further processing of the purchase order, pre-shipment inspection cost etc, as determined by the procuring agency, order of such item(s) will be placed on next lowest available responsive bid winning / securing orderable quantities.

7. CANVASSING

Canvassing by any bidder at any stage of the tender evaluation is strictly prohibited. Any infringement will lead to disqualification.

8. AWARD OF CONTRACT

It is the intention to award a contract to the bidder whose bid has been determined to be the lowest evaluated technically acceptable bid and who meets the approximate standard of capability and financial responsibility subject to our reservation as mentioned at clause 6 above.

9. VALIDITY OF BIDS

- 9.1 Your offer must remain valid for a period of **60 days** from closing date of the tender. Bids received with shorter validity may be considered non-responsive.
- 9.2 The buyer/purchaser may, however, request for extension of validity of bids without any change in quoted price and other terms and conditions. The bidder (s) may refuse to extend validity of their bid beyond their quoted validity.

10. BID SECURITY

- 10.1 Every bidder shall furnish as part of its bid, bid security (in original), in the amount as mentioned in **SOR** (schedule of Requirement) in the form of a Bank Draft / Pay Order or a bond (Bid Bond) issued by a scheduled Bank of Pakistan on a non-judicial stamp paper (as per specimen enclosed as Appendix 'E') valid for **30 days** beyond the validity of bid/ quotation from the date of bid opening or extended validity of bid. This will serve as a guarantee of acceptance of purchase order in case his bid turns out to be the lowest evaluated bid.
- 10.2 Any Bid, which is not accompanied by the requisite bid security (in original), would be treated as without bid security and will not be read out at the time of tender opening and will be considered as non responsive. No Telefax advice regarding issuance of Bid Bond received from bidder / Bank will be considered sufficient in lieu of actual Bid Bond. Bids received along with bid security in the amount of less than required amount shall be treated as non-responsive.
- 10.3 This bid bond will serve as guarantee in case bidder subsequently either withdraw, or unilaterally modify, vary or alter his bid after opening of the bids and before expiry of bid validity period, or fail to accept our purchase order, placed on them within the validity of their bid or its extended validity in case his bid turns out to be the lowest evaluated bid. Bid Bond will be retained until SNGPL enters into an Agreement or until 90 days after bid opening date, whichever is later.

10.4 The cost of the above bonds shall be borne by the Bidder.

10.5 The bid security may be forfeited:-

- a) If any bidder withdraws its bid, during the period of bid validity specified by the bidder in his bid or extended period of validity of their bid/quotation.
- b) In the case of successful bidder, if the bidder fails:-
 - i) To sign the Contract/Purchase Order or
 - ii) To furnish Performance/Warranty Bond Guarantee.

11. PERFORMANCE/WARRANTY BOND GUARANTEE

11.1.1 PERFORMANCE SECURITY: (as per draft Appendix-'F'). Within 30 days after the receipt of Purchase Order, the supplier shall furnish Performance/Warranty Bond Guarantee in the form of Bank Guarantee issued by a scheduled Bank in Pakistan, to the purchaser in the amount of **10%** (ten percent) of the total net value of the contract (excluding taxes).

Performance Security may also be provided in shape of **Pay Order/ Bank Draft/CDR favoring SNGPL** along with an undertaking on non-judicial stamp paper for Rs. 100/- that "the supplier/bidder accepts tender enquiry/purchase order terms including Performance/warranty bond guarantee, Late delivery charges, termination of contract etc and shall comply these term & conditions

- a) The proceeds of the Performance Security shall be payable to the purchaser as compensation, in whole or in part, for supplier's failure to complete its obligations under the contract, on pro-rata basis to the extent of contract (amount) no performed, in addition to other claims, if any as mention in the tender documents.
- b) This will serve as Performance Bond to guarantee timely and complete delivery of the material as per delivery schedule.

Subsequently, this will serve as Warranty Bond as per clause 11.2 given below:-

11.1.2 The Performance/Warranty Bond Guarantee, if provided within the given time period of **30 days**, shall remain valid for a period of **not less than 6 months**, after the last portion of the goods and / or services have been delivered to the final destination indicated in the contract. In case Performance/Warranty Bond Guarantee is not received within given time period of 30 days, the validity period of **06 months** will be increased to **09 months** after the last portion of the goods and services are delivered to the final destination. In case, the Performance/Warranty Bond Guarantee is not received within 60 days, the relevant clauses of the tender / purchase order will be invoked, contract will be terminated and submitted bid bond will be forfeited.

11.1.3 Pursuant to above, after initial period of **30 days**, a notice will be served to supplier for submission of Performance/Warranty Bond Guarantee within next 10 days. In case of adherence to the notice, the period of Performance/Warranty Bond Guarantee will be as per stipulation of clause 11.1.2. In case the supplier fails to submit Performance/Warranty Bond Guarantee even after 10 days of notice, final notice will be issued to submit Performance/Warranty Bond Guarantee within next 20 days (overall not later than 60 days of receipt of the purchase order). In case of failure, purchase order will be terminated and bid bond will be forfeited.

11.2 WARRANTY

11.2.1 The supplier warrants that the goods and services supplied under the contract shall conform to the specifications provided in this tender enquiry. The supplier also warrants that the good and services supplied under the contract are new, unused, of the most recent improvements in design and material unless provided other-wise in the contract. The supplier further warrants that the goods and services supplied under this contract shall have no defects arising from the design, materials or workmanship (except in-so-far as the design or material is required by the purchaser's specifications) or from any act of omission of the supplier, that may develop under normal use of the supplied goods in the conditions usage at final destination.

- 11.2.2 The purchaser shall promptly notify the supplier in writing of any claim arising under this warranty. Upon receipt of such notice, the supplier shall, with all reasonable speed (but not later than original delivery period), replace the defective goods or parts thereof, without costs to the purchaser.
- If the supplier having been notified, fails to replace the defective goods and pay all costs/expenses and damages within a given time period, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract, including partial or complete forfeiture of the Performance/warranty Bond Guarantee.
- 11.2.3 In case any material has been wrongly / short supplied, found being not in conformity with the specifications provided in the tender enquiry / purchase order, either on account of inferior quality, defective workmanship, faulty design, faulty packing or short received, the supplier apart from the short supplies, faulty or defective material, will undertake to replace the item(s) free of charge and shall also pay all cost/expenses and damages incurred by SNGPL due to breach of warranty including extra duties and taxes paid by SNGPL on account of payment of such duties/taxes for the second/or more time of free placement(s). Full cost of replacement shall mean the cost of locating the failure cutting out, removal of faulty material, supply and insertion of new material, coating & wrapping, hydrostatic test, back filling and commissioning etc whichever is applicable to such an eventuality.
- 11.2.4 The defective item(s) will be handed over by SNGPL to the supplier's authorized representative at our site/location.
- 11.2.5 Supplier's total liability in this respect shall not be limited to the extent of the Performance/Warranty Bond Guarantee.
- 11.2.6 Nothing contained herein shall be construed to limit the suppliers' obligations and liabilities with regard to the performance of the contract /purchase order.
- 11.2.7 The Performance/Warranty Bond Guarantee will be discharged by the Purchaser as soon as possible following the date of completion of the supplier's Performance obligations, including any warranty obligations under the contract.

12. LATE DELIVERY AND OTHER CLAIM(S) / CHARGES

- 12.1 Time shall be essence of the contract/purchase order and it will include a clause on Late Delivery Charges. This interalia will state that if the materials, as given in the order have not been delivered on time and as per stipulations in the contract except on account of Force Majeure, Sui Northern Gas Pipelines Limited (SNGPL) shall be entitled to recover **1%** of the total value (excluding sales tax) of the delayed part of material for each week of delay, by way of Late Delivery Charges subject to a maximum of **10%** of the total value (excluding sales tax) of the delayed part of the material. The period for calculation of Late Delivery Charges shall be reckoned in number of days for which the material was delayed.
- All the supplies after expiry of scheduled delivery period will be subject to clause mentioned above and does not require any additional noting / marking / comments on delivery challans etc. at the time of receipt of delayed supplies.
- 12.2 The payment of such Late Delivery Charges shall not relieve the supplier from performing and fulfilling its obligations under the contract nor will the corresponding rights and entitlements of Sui Northern Gas Pipelines Limited be affected or reduced in any manner.
- 12.3 Whenever Late Delivery Charges or any other claim become payable, SNGPL, in its sole discretion shall quantify the same as per tender terms and serve a written notice upon the supplier requiring immediate payment thereof. If the supplier fails to remit payment within the given time period as mentioned in the notice, to be served under any mode of communication i.e. E Mail, Fax, Courier, registered postal cover etc., SNGPL will become entitled to recover the same forthwith by calling upon the complete Performance/warranty Bond Guarantee. The amount over and above the SNGPL's claim will be returned to the bank, on supplier's account, after completion of contract performance period.

- 12.4 In case of a contract on turnkey basis or the material covered in the contract is a compact unit consisting of more than one item(s) / part(s) or the delayed part of supply / services, in any way, affects the overall completion, utilization or functionality of the whole item / work, the L/D charges will be worked out on whole unit(s).

13. **FORCE MAJEURE**

- 13.1 Notwithstanding any provision to the contrary contained for damages or be deemed in default of the provisions of the contract/purchase order for failure to perform or delay in the performance of obligations assumed by such party pursuant hereto in-so-far as the said affected party can clearly establish that its performance has been prevented or delayed by Force Majeure. The term "Force Majeure" as employed herein shall mean acts of Government in their sovereign capacity, riots, strikes, lock outs, fire occurring in the supplier's establishment, political disturbances, mobilization, wars, unprecedented flood, storms hurricanes or other acts of God.
- 13.2 If a party wishes to claim relief of by reasons of Force Majeure, it shall within ten days of its occurrence serve written notice of occurrence of such a Force Majeure on the other party through registered posts. The two parties shall consult each other and agree upon the measures to be taken. As soon as the Force Majeure ends, the affected party shall promptly resume performance of its obligations under the agreements and intimate the other party about this.

14. **TERMINATION OF CONTRACT**

- 14.1 In case a contract/purchase order is placed on the basis of this tender enquiry Sui Northern may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier terminate the contract in whole or in part.
- a. If the supplier fails to deliver any or all of the goods within the time period(s) specified in the Contract/order, or any extension thereof granted by Sui Northern.
 - b. If the supplier fails to perform any other obligation(s) under contract/order or
 - c. If the supplier, in either of the above circumstance, does not cure its failure within a period of **30 days** after receipt of the default notice from Sui Northern.
15. In the event, Sui Northern terminates the contract in whole or in part pursuant to para 14 Sui Northern may procure, upon such terms and in such manner as it deem appropriate goods similar to those undelivered, and the supplier shall be liable to Sui Northern for any excess cost for such contract to the extent not terminated.
16. Your material/goods are liable to be technically/physically inspected by us and if you fail to supply the material/goods according to our specifications, we reserve the right to cancel our purchase order on you.
17. Complete technical literature/relevant brochure of the goods offered should be accompanied with the offer, failing which the bid is liable to rejection. Technical catalogue/literature are necessarily required in support of the quoted specifications. In case the accompanying literature does not support the specifications as quoted in the bid, it would be liable to rejection.
18. In case the supplier fails to supply the goods within stipulated period and seeks extension from the Company and that in the event of extension granted by the Company in completion of the supply of goods, in case the existing tax including excise duty is either increased or new tax is imposed by the government during the extended period delayed delivery by the bidder, payment thereof will be the sole liability of the seller and the Company shall not be liable to pay any such amount to the supplier/seller on account of imposition of new duty custom, excise or tax or increase in existing rate of duty custom, excise or taxes.

19. While tendering your quotation, the present trend in the rate of material/goods in the market should be kept in mind. No request for increase in price due to market fluctuations in the cost of material/goods will be entertained.
20. In case of an order on you, you will be required to execute the order strictly in accordance with the terms and conditions of the order. In case any of the terms and conditions of the order are violated we will have the right to cancel the Purchase Order or part thereof as necessary.

21. **POST QUALIFICATION**

21.1 In the absence of prequalification, the purchaser shall determine to its satisfaction based upon an examination of the documentary evidence of manufacturer's financial, technical and production capabilities submitted by the bidders alongwith its bid. Pursuant to the following as well as any other information as the purchaser may deem necessary and appropriate: -

- a) That, in the case of bidder offering to supply imported goods under the contract which the bidder did not manufacture or otherwise produce, the bidder has been duly authorized by the goods manufacture or produce to supply the goods in the purchaser's country,

21.2 The purchaser shall determine to its satisfaction whether the supplier/manufacturer selected as having submitted the responsive bid is qualified and has the capability and resources to satisfactorily perform the contract.

21.3 The bidder will provide the names and addresses with names of contacts including telex/telefax numbers of the Companies to whom the tendered product have been sold in size-able quantity during the last five years. Simply submitting a list of customers to whom the manufacturer has been supplying various goods, will not meet the intent and purpose of this requirements. This information must form a part of bid, and the bidders are not encouraged to submit any these information subsequently after public opening of the bids.

The bidder shall provide documentary evidence of their having been in the line of manufacturing the offered items for the past five (5) years.

21.4 However, bidders quoting an item or material of a manufacturer, which has been successfully supplied to SNGPL w.r.t. brand / model # / make / country of origin / manufacturing, against any of previous purchase order or has been declared technically responsive against any of SNGPL tender enquiry, during the last 05 years of the tender enquiry date, are exempted from **clause 21.3**. A proof of eligibility (i.e. copy of SNGPL's purchase order or technical responsive letter) however has to be attached with the bid instead. Without any proof, the bid will be considered deficient to **clause 21.3**.

22. Quotations from bidders, who are determined to have previously in Sui Northern's judgment committed default in respect of any of its obligation against any of our previous contracts on them will not be entertained.

23. An affirmative determination will be a pre-requisite for award of the contract to the bidder. A negative determination will result in rejection of the bidder's bid, in which event, the purchaser will proceed to the next lowest evaluated bid to make a similar determination of that bidder's capabilities to perform satisfactorily.

24. In case of purchase order on you and subject to above, if the purchase order on you or part thereof is cancelled, we shall have the right to make purchase from other source at your risk and cost and difference if any will be recovered from you.

25. **PAYMENT**

25.1 Payment of your bills will be made by our Accounts Department within 30 days time after satisfactory completions of the delivery and submission of Bills as given in the purchase order.

- 25.2 Supplier's bill in duplicate accompanied by a receipted copy of Delivery Challan should be submitted within 30 days of the date of delivery of the material. Any delay in submitting the bills will result in corresponding delay in payment.

OR

- 25.3 Payment will be made against inland L/C on 30 days deferred payment basis. In such an event, bank charges pertaining to the L/C will be borne by seller/supplier/beneficiary.
- 25.4 Government taxes as per prevailing rules will be deducted from supplier bills, as required vide Gazette Notification No.15 INCOME TAX) deduction of Tax at source. If you are exempted from deduction of advance tax, you may state so and enclose a photocopy of any such Valid Tax Exemption Certificate.
- 25.5 In case the local suppliers desire payment through inland Letter of Credit they should so state in their respective bid. In that case, all bank charges relating thereto would be borne by the suppliers.
- 25.6 In case a supplier who can deliver material 30 days before scheduled delivery, will be paid within 15 days (instead of 30 days as per order). If delivery is made 90 days before schedule, payment will be made within 07 days (instead of 30 days).
- 25.7 SNGPL as withholding agent, as per Sales Tax Special Procedure (withholding) Rules 2007, shall deduct the amount of sales tax shown in the sales tax invoice issued by the supplier and make payment of the balance amount as per prevailing rules/ laws.

26 **DEVIATION IN PAYMENT SCHEDULE**

The general conditions of contract indicate the payment schedule offered by the purchaser, if a bid deviates from the schedule and if such deviation is considered acceptable to the purchaser, the bid will be evaluated by calculating interest earned for any earlier payments involved in the terms outlined in the bid as compared to those stipulated in his invitation, at a rate of **14 percent** per annum. In case after adding such interest a supplier turns out to be the lowest bidder and order is eventually placed on them, payment will be made to them within the period quoted by them and on which interest is worked out as above.

27. **ARBITRATION/RESOLUTION OF DISPUTES**

- 27.1 Any difference of dispute arising out of or in connection with the contract between the Purchaser and the Supplier which cannot be amicably resolved shall be referred to **Arbitration in Lahore**, Pakistan, to two Arbitrators, one to be appointed by each party of such difference/dispute. In case of the judgment of the said Arbitrator being at variance, the matter shall be referred to an "Umpire", who shall be appointed by both the said Arbitrators. The Umpire shall be retired judge of a High Court or the Supreme Court of Pakistan. Such Arbitrators and Umpire shall together proceed to adjudicate the dispute in accordance with the Arbitration Act, 1940, as amended from time to time.
- 27.2 Prior to the exercising of any right by the purchaser or supplier to terminate the contract under the conditions stipulated above, a written notice shall be required to be given to the other party specifying such default(s) and calling for submission of an explanation within seven (7) days of receipt of such notice. If such explanation is not furnished within the stipulated time or if so furnished, is found to be unsatisfactory, and the default(s) continues, the contract be terminated with notice to the other party before outerring upon the reference.
- 27.3 The agreement shall be governed by Pakistan Law and the arbitration language shall be English.
- 27.4 During the course of arbitration, the supplier shall not suspend the performance of his responsibilities and obligations under the Contract unless authorized by the purchaser in writing to do so.

28. The supplier or contractor who, in the sole opinion of the Company (SNGPL) committed default is performing part of his obligations under the contract awarded to him by the Company, in addition to other penalties likely to be imposed against him in terms thereof, shall also disentitle him to participate in the tender enquiry of similar goods issued by the Company for at least one year from the determination of such default by the Company on the part of the Supplier or Contractor.

29. **INTEGRITY PACT**

The bidders are required to read the text of Integrity Pact attached with tender documents (Appendix-H) and confirm their concurrence of execution of the same in case order having value Rs. 10 Million or above is placed on them. This mandatory requirement under PPRA Rules 2004.

In case of placement of Purchase order having value Rs. 10 Million or above, the bidders are required to sign Integrity Pact as per specimen attached. Payment to the suppliers will be released only after signing the said integrity pact.

30. Every bidder is required to attach receipt of cost of tender documents with his offer.

Bid Bond No. _____

Date: _____

**M/s Sui Northern Gas Pipelines Limited,
21-Kashmir Road,
Lahore, Pakistan.**

B I D B O N D

As per request of M/s _____
(herein called customer)

is hereby issued of Guarantee No. _____ Dated _____

in favour in the sum of _____
(Amount)

on account of M/s _____ as Bid Bond as

per requirements of you tender enquiry No. _____

due on _____ (or supply of _____).

The surely is being issued to enable the Accountee to participate in the tender as per requirement of the tender.

We, therefore, hereby undertake to make an unconditional payment of _____ to you on your first written call and without recourse to the opener, in case the Accountees subsequently either withdraw, or unilaterally modify, vary or alter their Bid after, opening of the tenders and before expiry period of their bid or fail to provide Performance / Warranty Bond Guarantee within 15 days after receipt of purchase order.

This bid bond shall remain valid and in full force till after 30 days of the expiry of the bid validity or till after 60 days after the Bids opening, whichever is later, after date no claim will be entertained.

Any claim arising out of this Guarantee must be lodged in writing within the validity period of this Bond certifying that the Account failed to meet the requirements, which were covered by this Bid Bond.

(Bank Seal)

Performance Bond Guarantee No. _____

Date: _____

Amount _____

Valid upto 06 months after the last portion of the goods have been delivered to the final destination indicated in the contract and till _____ which is later.

**M/s Sui Northern Gas Pipelines Limited,
21-Kashmir Road,
Lahore, Pakistan**

PERFORMANCE WARRANTY BOND GUARANTEE

As per request of M/s _____ we hereby issue our letter of Guarantee No. _____ in your favour on account of M/s _____ for a sum not exceeding Rs. _____ (Rupees _____) being 10% of the total material value excluding sales tax of your order No. _____ dated _____ as a Performance Bond Guarantee as per requirement and specifications mentioned in the order under the following terms and condition:-

1. This guarantee is available for payment, without recourse to the opener, against beneficiary first written call to do so accompanied by a written statement certifying that the opener failed to comply with the terms and conditions of the order.
2. The Guarantee Bond shall terminate six months after the last portion of the goods have been delivered to the final destination indicated in the purchase order and till _____ which is later.

All claim under this guarantee must be submitted to us not than the said validity date after which guarantee become automatically null and void and the bank will stand discharged and released from all its liabilities.

NAME OF BANK

**SD/-
OFFICER (SEAL) MANAGER**

**(To be typed on Company's
Letter Head, by the same
Signatory / signatories, who
have signed the bid(s).**

AUTHORITY LETTER

**M/s Sui Northern Gas Pipeline Limited,
21-Kashmir Road,
Lahore**

We M/s _____ representing
M/s _____ are / have submitted quoted Ref.
_____ dated _____ against tender enquiry No.
_____ dated _____ due for opening on _____ at
_____ hours.

We hereby authorize Mr. _____
to

(Name)

attend the public opening of the bids on our behalf. He has been further authorized to authenticate any erased / fluided figure(s) or corrections, if any, in the bid.

SIGNATURE _____

STAMP _____

QUESTIONNAIRE / COMMERCIAL TERM SHEET

	Yes	No
1. Is your offer firm and irrevocable as per terms and condition of tender enquiry?	<input type="text"/>	<input type="text"/>
2. Do you agree to the delivery schedule specified in the tender enquiry?	<input type="text"/>	<input type="text"/>
3. Is your offer valid for a period of at least 60 days?	<input type="text"/>	<input type="text"/>
4. Have you submitted Bid Bond in line with Terms and conditions of the tender enquiry?	<input type="text"/>	<input type="text"/>
5. Do you agree to evaluation of each item separately? (Applicable in case of more than one items)	<input type="text"/>	<input type="text"/>
6. Do you agree to provide Performance /Warranty Bond Guarantee within 15 days of award of contract?	<input type="text"/>	<input type="text"/>
7. Do you agree to tender clauses pertaining to Late Delivery Charges?	<input type="text"/>	<input type="text"/>
8. Do you agree to tender clause pertaining to Force Majeure?	<input type="text"/>	<input type="text"/>
9. Do you agree to tender clause pertaining to Termination of Contract?	<input type="text"/>	
10. Do you agree to tender clauses regarding payment?	<input type="text"/>	<input type="text"/>
11. Do you require payment through L/C or against bills as per option given in the tender enquiry? Please specify.	<input type="text"/>	
12. Do you have any reservation to any of terms & conditions stipulated in the tender documents Please specify if any?	<input type="text"/>	
13. Have you enclosed cost break-up of the quoted prices as required in the tender enquiry?	<input type="text"/>	<input type="text"/>
14. Do you agree to execute Integrity Pact in compliance with PPRA Rules, 2004 (Appendix-H)	<input type="text"/>	<input type="text"/>
The following information must be submitted by the bidder's alongwith the bid.		
i) Name of the bidder.	<input type="text"/>	<input type="text"/>
ii) Type of ownership i.e. Proprietor / Partnership / Private Limited Company / Public Limited Company.	<input type="text"/>	<input type="text"/>
15. Following relevant paper must be provide in respective cases:-		
i) Copy of NIC in case of single proprietor.	<input type="text"/>	<input type="text"/>
ii) Copy of partnership deed in case of partnership.	<input type="text"/>	<input type="text"/>
iii) Copy of Article of Association for Private / Public Limited Companies.	<input type="text"/>	<input type="text"/>
16. Date of establishment of business concern.	<input type="text"/>	<input type="text"/>
17. GST Number alongwith copy of certificate.	<input type="text"/>	<input type="text"/>
18. National Tax Number alongwith copy of Certificate.	<input type="text"/>	<input type="text"/>
19. Valid Professional Tax Clearance Certificate.	<input type="text"/>	<input type="text"/>

Authorized Signatories of the Bidders

Name: _____ Date: _____

Company Seal: _____ Place: _____

Note: Bidders should write 'Yes' or 'No' (in words) in the above columns.

MANNER AND MECHANISM TO BLACKLISTING / CROSS DEBARRING OF SUPPLIER OR CONTRACTOR

As per PPRA Rule No. 19, following is mechanism to blacklist supplier/ contractor:-

Proceedings for blacklisting :-

- a) General Manager (Procurement) on his own accord or on receipt of information or a complaint shall, after examining the material placed before him shall determine whether it is necessary and appropriate to initiate formal black listing proceedings.
- b) In case General Manager (Procurement) decides to initiate blacklisting proceedings, the case shall be forwarded to the committee duly approved by management from time to time for initiating blacklisting proceedings.
- c) The bidder/ supplier shall be formally intimated in writing by the committee about the nature of complaint/ matter/ default/ fraudulent & corrupt practices as defined in PPRA Rule and initiate the blacklisting/ cross debar proceedings.
- d) The bidder/supplier shall be intimated by giving a fifteen (15) days notice through courier services, registered post or fax or email and, shall be provided an opportunity of furnishing detailed response either through written representation or personal hearing or both.

If blacklisting proceedings are to be initiated due to supplier's failure to meet the contractual obligations, then the bidder/ supplier shall be given a chance to invoke Arbitration before start of formal blacklisting proceedings.

In case, the supplier/ bidder does not opt for Arbitration within time given, then, notice for blacklisting shall be served accordingly to initiate the proceedings.

- e) In case the bidder/supplier fails to furnish his defense / representation within 15 days of 1st notice of blacklisting, a reminder shall be sent giving another opportunity to furnish the reply within 7 days.
- f) If the bidder/ supplier fails to submit his reply even after 2nd notice or fails to furnish the tenable justification of charges framed against him, the committee may proceed further in this regard on the basis of information, record and material available before him.
- g) The committee shall complete its proceedings within 30 days from the date of first notice given pursuant to paragraph (c) above.

Findings & Decisions:

- a) The Committee after finalizing his proceedings shall record his findings in writing and decide one of the following measures and GM (Procurement) shall obtain approval of the management for implementation:
 - i. Blacklisting and henceforth cross debarred for participation in any public procurement for the period up to **10 years** if corrupt and fraudulent practices as defined in PPRA Rule has been established;
 - ii. Blacklisting and henceforth cross debarred for participation in respective category of public procurement if the bidder/ supplier fails to perform his contractual obligations as per terms of the tender enquiry/ contract and within the specified time. Such blacklisting period shall not be more than **3 years** or,
 - iii. Blacklisting and henceforth cross debarred for participation in respective category of public procurement for a period up to **6 months** if bidder/ supplier fails to alter his bid/ withdraw his bid/ does not accept the contract or does not abide with bid security declaration.
- b) General Manager (Procurement) shall communicate in writing to the PPRA and respective bidder/supplier his decision containing grounds for such action of blacklisting.

Appeal:-

The bidder / supplier may file appeal against the decision of the committee before PPRA as per conditions/ mechanism defined in PPRA Rules.

PRICE TERM SHEET

SR. NO.	DESCRIPTION	QUANTITY	UNIT EX-FACTORY PRICE INCLUDING ALL TAXES/DUTIES BUT EXCLUSIVE OF SALES TAX AND SED ON FINISHED GOODS	UNIT FREIGHT ETC FOR DELIVERY AT SPECIFIED STORES (INCLUDING OTHER ENROUTE EXPENSE) BUT EXCLUDING SALES TAX AND SED ON FINISHED GOODS	F.O.R. UNIT PRICE FREE DELIVERY AT SPECIFIED STORES EXCLUDING SALES TAX AND SED ON FINISHED GOODS (Col: 4+5)	TOTAL VALUE F.O.R FREE DELIVERY AT SPECIFIED STORES EXCLUDING SALES TAX AND SED ON FINSISHED GOODS (Col: 3X6)	SALES TAX ON Col: 7 (Please also specify rate)	OTHER TAXES (IF ANY) (Please also specify Rate)	TOTAL F.O.R PRICE FOR FREE DELIVERY AT SPECIFIED STORES (INCLUDING SAES TAX AND OTHER TAXES IF ANY)
1	2	3	4	5	6	7	8	9	10

Suppliers Signatures _____

Stamp _____

Appendix - C 1

Annexure - A

P1/3

TECHNICAL SPECIFICATIONS OF RECHARGABLE SEALED BATTERY
GEL TYPE 12 VOLTS 100 AMPERE HOUR & 42 AMPERE HOUR

1) **DESCRIPTION:**

Durable long life Batteries required for installation with online UPSs for smooth operation & uninterrupted power supply.

2) **TYPE:**

- Rechargeable
- VRLA (Valve Regulated Lead Acid) AGM / GEL Battery.
- Maintenance Free

3) **NOMINAL VOLTAGE:**

12 Volts

4) **TERMINAL TYPE:**

M6 / M8

5) **INTERNAL RESISTANCE:**


Preferably below 9 mΩ

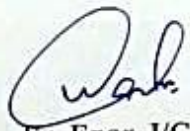
6) **REQUIREMENT:**


Sr. No.	BATTERY CAPACITY	DIMENSIONS			QUANTITY
	Ampere Hours (Ah)	Length (mm/Inch)	Width (mm/Inch)	Height (mm/Inch) Without Terminal	Nos.
1	100 Ah	325mm ~ 400mm/ 12.8" ~ 15.8"	165mm ~ 220mm/ 6.5" ~ 8.7"	200mm ~ 280mm/ 7.9" ~ 11"	16 Nos.
2	42 Ah	180mm ~ 230mm/ 7.1" ~ 9.1"	150mm ~ 190mm/ 6.0" ~ 7.5"	150mm ~ 180mm/ 6.1" ~ 7.1"	24 Nos.

7) **OPERATING TEMPERATURE RANGE:**

- a) Charge -05° ~ 40°C
- b) Discharge -05° ~ 50°C
- c) Storage -05° ~ 40°C


Exec. Engr. (T)
SEC-IV, LAHORE


Sr. Engr. I/C (Met)
SEC-IV, LAHORE


Dy. Chief Engr. (T)
SEC-IV, LAHORE

P3/3

Annexure - A

SR. NO.	Description of Item	SNGPL Requirement	COMPLIANCE COLUMN (To be filled by bidder with offered value)
Rechargeable Sealed Battery 12V & 100Ah			
1	Condition	New	
2	Type	VRLA/AGM/GEL	
3	Nominal Voltage	12 Volts	
4	Ampere Hour (Ah)	100 Ah	
5	Terminal Type	M6 / M8	
6	Internal Resistance	Preferably below 9 mΩ	
7	Length (mm/Inch)	325mm ~ 400mm / 12.8" ~ 15.8"	
8	Width (mm/Inch)	165mm ~ 220mm / 6.5" ~ 8.7"	
9	Height (mm/Inch) Without Terminal	200mm ~ 280mm / 7.9" ~ 11"	
10	Operating Temperature Range	Charge -05° ~ 40°C Discharge -05° ~ 50°C Storage -05° ~ 40°C	
11	Warranty	At least 1 year	
12	Brand Name/Model	Required	
13	Technical Literature	Attached/ Not attached	
14	Certification	ISO 9001	
Rechargeable Sealed Battery 12V & 42Ah			
1	Condition	New	
2	Type	VRLA/AGM/GEL	
3	Nominal Voltage	12 Volts	
4	Ampere Hour (Ah)	42 Ah	
5	Terminal Type	M6 / M8	
6	Internal Resistance	Preferably below 9 mΩ	
7	Length (mm/Inch)	180mm ~ 230mm / 7.1" ~ 9.1"	
8	Width (mm/Inch)	150mm ~ 190mm / 6.0" ~ 7.5"	
9	Height (mm/Inch) Without Terminal	155mm ~ 180mm / 6.1" ~ 7.1"	
10	Operating Temperature Range	Charge -05° ~ 40°C Discharge -05° ~ 50°C Storage -05° ~ 40°C	
11	Warranty	At least 1 year	
12	Brand Name/Model	Required	
13	Technical Literature	Attached/ Not attached	
14	Certification Attached	ISO 9001	

8) TYPE WARRANTY:

Supplier shall provide replacement warranty for at least one-year from the receipt of Batteries for smooth operation / trouble free operation.

9) GENERAL REQUIREMENTS:

- a) Brand new Batteries, having date of manufacturing clearly mentioned / engraved on them, shall be supplied
- b) Bidder shall clearly mention the brand name/ Model and country of origin of offered batteries in their proposal.
- c) Technical literature and brochure covering capacity / Ampere Hour rating and dimensions of quoted batteries shall be provided with the bids
- d) Copy of valid ISO 9001 certificate of battery manufacturer shall be provided with bid.

10) BID EVALUATION CRITERIA:

Offer of the bidder will be evaluated strictly in accordance with the above stated technical specification.



Exec. Engr. (T)
SEC-IV, LAHORE



Sr. Engr. I/C (Met)
SEC-IV, LAHORE



Dy. Chief Engr. (T)
SEC-IV, LAHORE

8) TYPE WARRANTY:

Supplier shall provide replacement warranty for at least one-year from the receipt of Batteries for smooth operation / trouble free operation.

9) GENERAL REQUIREMENTS:

- a) Brand new Batteries, having date of manufacturing clearly mentioned / engraved on them, shall be supplied
- b) Bidder shall clearly mention the brand name/ Model and country of origin of offered batteries in their proposal.
- c) Technical literature and brochure covering capacity / Ampere Hour rating and dimensions of quoted batteries shall be provided with the bids
- d) Copy of valid ISO 9001 certificate of battery manufacturer shall be provided with bid.

10) BID EVALUATION CRITERIA:

Offer of the bidder will be evaluated strictly in accordance with the above stated technical specification.



Exec. Engr. (T)
SEC-IV, LAHORE



Sr. Engr. I/C (Met)
SEC-IV, LAHORE



Dy. Chief Engr. (T)
SEC-IV, LAHORE

P#-1/2
Appendix-02

TECHNICAL SPECIFICATIONS OF DRY BATTERY
RE-CHARGEABLE, 12 VOLT

FSP/T/LP/0145/26

1- APPLICATIONS:

Durable long life rechargeable dry batteries are required for smooth and uninterrupted power supply to EFM BRISTOL & FB-107 Emerson makes Flow computers.

2- TYPE:

- Dry Sealed Rechargeable
- VRLA (Valve Regulated Lead Acid) AGM / GEL Battery.
- Maintenance Free

3- NOMINAL VOLTAGE:

- 12 Volts.

4- ATTRIBUTES / QUANTITY:

Sr. #	Battery Capacity	Dimensions			Qty. (Nos.)	Battery Terminal Type
	Ah (Ampere Hours)	Length (mm)	Height (mm)	Width (mm)		
1	33/35	190.5 ± 3 mm	165.1 ± 3 mm	127.0 ± 3 mm	4	T6 / N3 / N4

- Technical literature and brochure covering capacity / ampere hour rating, shelf life and dimensions of quoted batteries shall be provided with the bids.
- Copy of valid ISO 9001 certificate of battery's manufacturer shall be provided with bid.
- Manufacturing date of batteries shall be present on each battery.

4- WARRANTY:

- The Supplier shall provide replacement warranty for at least six months from the receipt of batteries for smooth / trouble free operation.

5- NOTE:

- Samples of the offered batteries shall be demanded from respective bidders, during technical evaluation, if deemed necessary.

6- BID EVALUATION CRITERIA:

- Offer of the bidders will be evaluated strictly in accordance with the above stated technical specifications.


SENIOR ENGINEER (T)

2/2

TECHNICAL SPECIFICATIONS OF DRY BATTERY CELL

FSD/T/LP/0145/26

Appendix-C3

Sr. No.	Specifications	Description
1	Battery cell Type	Alkaline Battery Cell
2	Rechargeable	Non re-chargeable
3	Voltage	1.5 V
4	Size	D
5	Expiry	At least 2 years

BID EVALUATION CRITERIA:

- Offer of the bidders will be evaluated strictly in accordance with the above stated technical specifications.
- Bidder shall clearly mention the brand name/Model and country of origin of offered item in their proposal.
- In the event of more than one offer by the same bidder, the sustainability of the item shall be determined as per closest conformity.
- 01 No. sample of the offered item must be provided along with the bids.


SENIOR ENGINEER (T)

**TECHNICAL SPECIFICATION OF SEALED RECHARGABLE
DRY BATTERY (12 V , 33/35 AMP)
INDENT NO. FSD/MT/LP/0061/26 Sr. No 02**

Appendix-C8

1. **DESCRIPTION:**
Durable long life Rechargeable Dry Batteries required for smooth & uninterrupted power supply to Flow Computer.
2. **TYPE**
 - Rechargeable
 - VRLA (Valve Regulated Lead Acid) AGM / GEL Battery
 - Maintenance free
3. **NOMINAL VOLTAGE:**
12 V
4. **TERMINAL TYPE**
F-4 / T-6 / T-8
5. **INTERNAL RESISITANCE:**
Preferably below 9 mΩ
6. **BATTERY CAPACITY:**
33 – 35 AH
7. **DIMENSION:**

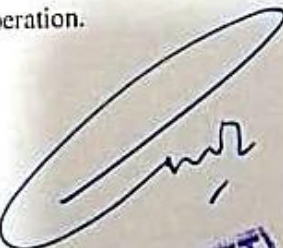
Length (mm)	Height (mm)	Width (mm)
189 ± 3	126 ± 3	164 ± 3

8. **OPERATING TEMPERATURE RANGE:**

Charge	-05° C	~	50° C
Discharge	-05° C	~	50° C
Storage	-05° C	~	40° C

9. **WARRANTY:**

Supplier shall provide replacement warranty for at least one-year from the receipt of Batteries for smooth / trouble free operation.


Sr. Engr (MET)

10. BID EVALUATION CRITERIA:

- Offer of the bidders will be evaluated strictly in accordance with the above stated technical specifications.
- Brand new batteries, having the date of manufacture clearly mentioned on them, shall be supplied by the bidder.
- Bidder shall clearly mention the brand name / Model and country of origin of offered batteries in their proposal.
- Sample against the quoted item shall be provided by the bidder with bids for evaluation purpose.
- Technical literature and brochure covering capacity / Ampere Hour rating and dimensions of quoted batteries shall be provided with the bids.
- Copy of valid ISO 9001 certificate of battery's manufacturer shall be provided with bid.



Sr. Engr (MET)

**TECHNICAL SPECIFICATION OF SEALED RECHARGABLE
 DRY BATTERY (12 V , 60 AMP)
 INDENT NO. FSD/T/LP/0164/26**

Appendix - C4

1. **DESCRIPTION:**
Durable long life Rechargeable Dry Batteries required for smooth & uninterrupted power supply to Flow Computer.
2. **TYPE**
 - Rechargeable
 - VRLA (Valve Regulated Lead Acid) AGM / GEL Battery
 - Maintenance free
3. **NOMINAL VOLTAGE:**
12 V
4. **TERMINAL TYPE**
F-4 / T-6 / T-8
5. **INTERNAL RESISTANCE:**
Preferably below 9 mΩ
6. **BATTERY CAPACITY:**
60 AH
7. **DIMENSION:**

Length (mm)	Height (mm)	Width (mm)
220 ± 5	200 ± 5	120 ± 5

8. **OPERATING TEMPERATURE RANGE:**

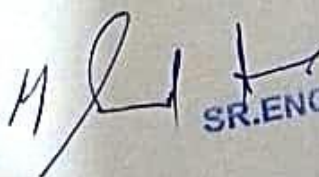
Charge	-05° C	-	50° C
Discharge	-05° C	-	50° C
Storage	-05° C	-	40° C

9. **WARRANTY:**

Supplier shall provide replacement warranty for at least one-year from the receipt of Batteries for smooth / trouble free operation.

10. **BID EVALUATION CRITERIA:**

- Offer of the bidders will be evaluated strictly in accordance with the above stated technical specifications.
- Brand new batteries, having the date of manufacture clearly mentioned on them, shall be supplied by the bidder.
- Bidder shall clearly mention the brand name / Model and country of origin of offered batteries in their proposal.
- Sample against the quoted item shall be provided by the bidder with bids for evaluation purpose.
- Technical literature and brochure covering capacity / Ampere Hour rating and dimensions of quoted batteries shall be provided with the bids.
- Copy of valid ISO 9001 certificate of battery's manufacturer shall be provided with bid.


 SR.ENG (T)

Technical Specifications
Battery Cell

Appendix - C9

Application:

Non-Rechargeable Industrial Grade Battery Cell required for PLC CPU (GE Fanuc 9030 Series) PLC System.

Technical Specification:

- | | |
|-----------------------------|-------------------------------|
| 1. Version/Shape: | Cylindrical Round Cell |
| 2. Technology: | Lithium |
| 3. Rated Voltage: | 3V DC |
| 4. IEC Designation: | 1/2R6 |
| 5. Nominal Capacity: | 1Ah or Higher |
| 6. Cell Size: | ½ AA (Only) |
| 7. Diameter: | 14.5mm |
| 8. Height: | 25.5mm |

Note:

- 1. Only genuine/authentic and new battery cell compliant to mentioned technical specification will be accepted.**
- 2. Bidder must provide the supporting technical literature, in English, of the offered cell**
- 3. Bidder shall provide the performance warranty of One year of their offered battery cell.**
- 4. Compliance to technical specification if the bid evaluation criteria.**


SHEIKH M. AAMIR
Senior Engineer (C)

TECHNICAL SPECIFICATIONS
BATTERY CELL (1.5V AA)

Appendix - CII

Application:

High Quality Long Life Alkaline Battery Cells, Required for Misc. Equipments.

Technical Specifications:

- | | |
|------------------------------|---------------------------------|
| 1. Cell Size: | AA (Standard) |
| 2. Manufacturing Technology: | Alkaline Plus, Mignon 1.5 |
| 3. Nominal Voltage: | 1.5V DC |
| 4. OEM Packing: | 02 Cells sealed in OEM Packing. |
| 5. Performance Warranty: | 06Months or Higher |
| 6. Mercury or Cadmium Free: | Yes |

Notes:

1. Only genuine/Authentic Battery Alkaline Plus Cell with warranty of at-least 6months shall be accepted.
2. The battery cells must be in OEM genuine packing of Two Cells per packing.
3. The bidder must provide the sample along with the bid documents for final acceptance of their offered item. Only well reputed brands with high performance shall be accepted, compliant as per mentioned technical specifications.

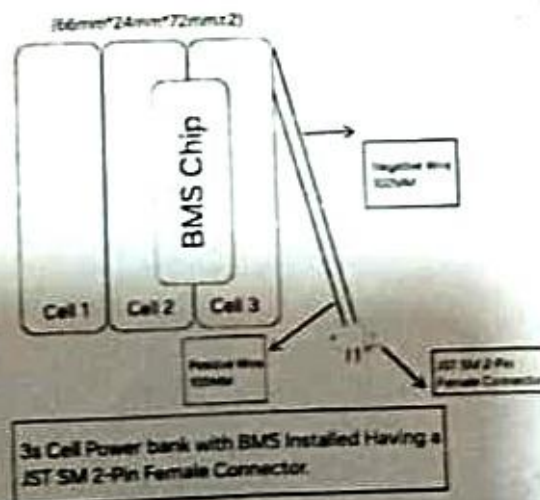

SHEIKH M. AAMIR
Senior Engineer (C)

Technical Specification for Battery Bank for IoT Pressure Transmitter

Description:	A lithium-ion Rechargeable battery bank of 3s Cell in parallel with a BMS chip integrated providing a output voltage (3.8-4.2) V with a JST SM 2-pin Female connector. The bank shall be packed in Lipo heat shrunk material or equivalent.
Type	INR-21700
Composition	Lithium-ion
Nominal Voltage	3.6 V
Size	66mm*24mm*72mm ± 2mm
Weight	250g ± 20g
Typical Capacity	15000 mAh by 0.2C rate Discharge Capacity
Internal Impedance	≤200 mΩ by 1kHz AC
Input Charging Voltage	4.2V ± 1%
Continuous Output Discharging Current	10A ± 0.5 or better
Over-charge Voltage protection	4.3V ± 0.05
Over-Discharge Voltage protection	2.4V ± 0.1
Short Circuit Current Protection	Enabled with Typical 50us
Life Cycle	Over 500 cycles
Sample	Bidder shall submit 01 no. of Battery bank (complete in all respects) as a sample during evaluation. SNGPL shall conduct tests on sample including but not limited to internal impedance.
Technical Literature	Bidder shall submit signed & stamped technical literature of offered product for verification of all parameters

Below picture is for

reference



Technical Specification for Charger for Rechargeable Battery bank for IoT Pressure Transmitter

Description:	A Battery charger for lithium-ion Rechargeable battery bank of 3s Cell providing a charging voltage (3.2-4.2) V with a JST SM 2-pin Male connector.
Charge Method:	CC-CV (Constant Current-Constant Voltage)
Charging Voltage:	4.2V \pm 0.05V
Standard Charge Current:	5.0A
Maximum Charge Current:	10 A or better (Continuous)
Fast Charge Rate:	Supports up to 5C (high-performance, low-impedance technology)
Wire Length	~ 1M (3-4 ft)
Technical Literature	Bidder shall submit signed & stamped technical literature of offered product for verification of all parameters

Below picture is for reference



TECHNICAL SPECIFICATIONS OF RECHARGABLE DRY BATTERY
(12V, 7AMP)

INDENT NO. FSD/MT/LP/0061/26 (Sr No.01)

Appendix - C7

1- DESCRIPTION:

Durable long life rechargeable dry Batteries required for smooth and uninterrupted power supply to Flow Computer.

2- TYPE:

- Dry Sealed Rechargeable
- VRLA (Valve Regulated Lead Acid) AGM / GEL Battery.
- Maintenance Free

3- NOMINAL VOLTAGE:

12V

4- DIMENSION:

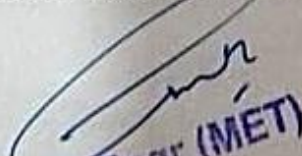
Sr. #	BATTERY CAPACITY	DIMENSIONS		
	Ah (Ampere Hours)	Length (inch)	Height (inch)	Width (inch)
1	7	6.0	3.75	2.5

5- WARRANTY:

The Supplier shall provide replacement warranty for at least one year from the receipt of Batteries for smooth / trouble free operation.

6- BID EVALIATION CRITERIA:

- Offer of the bidders will be evaluated strictly in accordance with the above stated technical specifications.
- Brand new batteries, having the date of manufacture clearly mentioned on them, shall be supplied by the bidder.
- Bidder shall clearly mention the brand name / Model and country of origin of offered batteries in their proposal.
- Sample maybe required from the bidder at the time of evaluation.
- Technical literature and brochure covering capacity / Ampere Hour rating and dimensions of quoted batteries shall be provided with the bids.
- Copy of valid ISO 9001 certificate of battery's manufacturer shall be provided with bid.


Sr. Engr (MET)

General Note:

- 1. Only genuine and new battery with One Year battery warranty card shall be accepted.**
- 2. In case of damage to battery during the warranty period, the bidder shall arrange the replacement without any extra cost.**
- 3. Bidder must provide the battery performance/characteristic curves along with the bid documents.**
- 4. The snapshots shall be not considered as the specifications.**
- 5. Compliance to technical specification is the bid evaluation criteria.**



SHEKH M. AAMIR
Senior Engineer (C)

TECHNICAL SPECIFICATIONS
BATTERY CELL (9V)

Appendix - C12

Application: Heavy Duty Cell 9V battery Cell for Equipments Power Supply.

Warranty: 2 Months


SHEKHAR N. LANTRE
Senior Engineer (C)

Technical Specification
Battery Maintenance Free (12V, 7.1 to 7.5AH)

Appendix-C-13

Application:

Maintenance Free Sealed Lead acid Battery Required for Standard Computer UPS.

Technical Specification.

1. Nominal Voltage:	12V
2. Capacity @ 20 HR:	7.1 to 7.5 AH or Higher AH
3. Dimensions (mm) L:	152 ± 1
4. Dimensions (mm)W:	65 ± 1
5. Dimensions (mm)H:	95 ± 1
6. Dimensions (mm)TH:	100 ± 2
7. Battery Weight (Kg):	2.5 ± 2%
8. Shelf Life:	2 to 5 years
9. Warranty:	6 Months

General Notes:

1. Only genuine and new battery shall be accepted, compliant to technical Specifications along with warranty card.
2. In case of any problem during warranty period the bidder should arrange the replacement of faulty battery with new having same technical specification without any extra cost.


SHEIKH M. AAMIR
Senior Engineer (C)

**TECHNICAL SPECIFICATIONS
BATTERY GEL/AGM (12V 100AH)**

Appendix - C10

Battery Application		Backup Power for Control Panel
Nominal Voltage		12 V
Battery Capacity (25°C)	20 hrs (10.5V)	100Ah or Higher
Terminal type		T9 or Post Automotive
Internal resistance (Fully charged, 25°C)		Approx. 28m 2
Battery Self-discharge @ 25°C	3 months	Remaining Capacity: 90% or better
Operating temperature range	Discharge	-15°C ~ 50°C
	Charge	-10°C ~ 50°C
	Storage	-20°C ~ 50°C
Float charging voltage (25°C)		13.60 to 13.80V Temperature compensation: -18mV/°C or better
Maximum charging current		28A or Higher
Terminal material		Copper or Lead
Maximum discharge current		Min. 750A (5 sec.)
Designed floating life (20°C)		12 years or Higher


SHEIKH M. AAMIR
 Senior Engineer (C)