

**OFFICE OF THE EXECUTIVE ENGINEER**  
**Mechanical Irrigation Division Baramulla**

**Short Term e-Tender**

**NIT No: E-01 of 2024-25**

For and on behalf of Lieutenant Governor of Union Territory of Jammu & Kashmir, e-tenders in two covers are invited from experienced, reputed and registered firms/ genuine manufacturers/authorized distributors/dealers/workshop holders / SSI Unit holders for the following maintenance works of electromechanical equipment's:

S. No.	Name of work	Cost of tender document (Rate in Rs)	Estimated Cost (Rs in Lacs)	Earnest money	Validity of offer	Time of completion	Programme Head	Whether Accorded/ Position of Funds	Tender ID no.
1.	<i>Urgent repairs to HT/ LT line of Lift Irrigation Scheme Khadniyar.</i>	Rs. 100.00	Rs. 2.074	Rs. 4148.00	120 days	07 days	M&R (2702)	Within Budgetary Provisions of ARD 2024-25/ AAA order no. 39-MCO of 2023-24 dated: 25-03-2024	2024_IFC_247870_1
2.	<i>Urgent welding work to be carried out at Lift Irrigation Scheme Seer.</i>	Rs. 50.00	Rs. 0.228	Rs. 456.00					2024_IFC_247870_2
3.	<i>Repairs to 300 HP ATS Starter of Lift Irrigation Scheme Gantamulla and Sheeri-1.</i>	Rs. 50.00	Rs. 0.455	Rs. 910.00					2024_IFC_247870_3
4.	<i>Complete overhauling to 05 cusec Hz split casing pump having head 16 Mtr. Of Lift Irrigation Scheme Delina Ghat.</i>	Rs. 50.00	Rs. 0.261	Rs. 522.00					2024_IFC_247870_4
5.	<i>Complete overhauling to 05 cusec Hz split casing pump having head 12 Mtr. Of Lift Irrigation Scheme Khadniyar.</i>	Rs. 50.00	Rs. 0.299	Rs. 598.00					2024_IFC_247870_5
6.	<i>Complete overhauling to 02 cusec Hz split casing pump having head 37 Mtr. Of Lift Irrigation Scheme Kandikhan.</i>	Rs. 50.00	Rs. 0.171	Rs. 342.00					2024_IFC_247870_6
7.	<i>Repairs to 05 cusec Hz split casing pump having head 13 Mtr. 300mm dia. M.S foot valve and other allied works at Lift Irrigation Scheme Darpora.</i>	Rs. 50.00	Rs. 0.234	Rs. 468.00					2024_IFC_247870_7
8.	<i>Power supply cable of Sub-Divisional Office of MISD Pattan.</i>	Rs. 50.00	Rs. 0.168	Rs. 336.00					2024_IFC_247870_8

9.	Electrical work at Lift Irrigation/Dewatering Scheme Wazirgund of MISD Pattan.	Rs. 50.00	Rs. 0.319	Rs. 638.00				2024_IFC_247870_9
10.	Electrical and Mechanical works to be carried out at Lift Irrigation Scheme Vighbal 1 <sup>st</sup> of MISD Sopore.	Rs. 50.00	Rs. 0.929	Rs. 1858.00				2024_IFC_247870_10
11.	Electrical works to be carried out at Lift Irrigation Scheme Wadura Bala of MISD Sopore.	Rs. 100.00	Rs. 1.121	Rs. 2242.00				2024_IFC_247870_11
12.	Repairs to 05 cusec capacity horizontal split casing pump at Lift Irrigation Scheme Zandbatti of MISD Handwara.	Rs. 50.00	Rs. 0.194	Rs. 388.00				2024_IFC_247870_12
13.	Repairs to 03 cusec, 80m dynamic head, five stage vertical turbine pumping unit at Lift Irrigation Scheme Kandi-Natnussa of MISD Handwara.	Rs. 50.00	Rs. 0.95	Rs. 1900.00				2024_IFC_247870_13

The tenders consisting of qualifying/eligibility criteria, technical specifications, general and commercial terms and conditions of contract and other details can be seen/downloaded from the website <https://jktenders.gov.in> from **04-04-2024 (04:30 pm)**.

The bids shall be submitted in electronic format on the website <https://jktenders.gov.in> from **04-04-2024 (06:00 pm)** to **12-04-2024 (6:55 pm)**. The bids uploaded on the website up to due date and time will be opened on the time and date, in the office of the **Executive Engineer, Mechanical Irrigation Division Baramulla** in presence of the bidders who wish to attend. In case offices happen to be closed due to holiday, or any other reason, on the schedule date of opening, the bids will be opened on the next working day at the scheduled time and venue.

**The complete bidding shall be online.**

Prequalification bids shall be opened online in the office of the **Executive Engineer, Mechanical Irrigation Division Baramulla** on **13-04-2024** at **13:00 pm** after which the financial bids of qualifying bidders shall be opened on the same day.

The bids for the work shall remain valid for a period of 120 days from the date of opening of bids.

No. MIDB/CC-02/64-72

Dated: 04-04-2024

Sd/-

**Executive Engineer  
Mechanical Irrigation Division  
Baramulla**

**Copy to The:**

1. Chief Engineer, Kashmir I&FC Deptt. Srinagar for favour of information.
2. Superintending Engineer Mechanical Circle I&FC Deptt. Srinagar for favour of information.
3. Deputy Director Information Department Srinagar with the request to publish the gist in any two leading local Newspapers of the Valley well before due date of receipt of tenderers.
4. -7 Assistant Executive Engineer Mechanical Irrigation Sub-Division Baramulla/Sopore/Pattan/Handwara for information.
8. Technical Officer Divisional Office for information.
9. Assistant Accounts Officer Divisional office for information.
10. Notice Board.

**Tender Document of NIT No: E-01 of 2024-25**  
**Issued under No. MIDB/CC-02/64-72, dated: 04-04-2024**

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**Annexure “A”**

**General terms and conditions**

1. For and on behalf of Lieutenant Governor of Union Territory of Jammu & Kashmir, sealed e-tenders in two covers, are invited from experienced, reputed and registered firms/ genuine manufacturer/ authorized distributors/dealers/workshop holders / SSI Unit holders.
  - 1.1 The bidding documents consisting of qualifying/eligibility criteria, technical specifications, general and commercial terms and conditions of contract and other details can be seen/downloaded from the website <https://jktenders.gov.in>
  - 1.2 The Cost of “Tender Document” shall be furnished in the shape of Treasury Challan (Annexed to this document) in favour of the Executive Engineer, Mechanical Irrigation Division Baramulla and Earnest money as CDR/FDR/IBG shall be uploaded.
  - 1.3 The bids shall be submitted in electronic format on the website <https://jktenders.gov.in>. The bids uploaded on the website up to due date and time will be opened on the time and date (given in the list of important dates enclosed), in the office of the **Executive Engineer, Mechanical Irrigation Division Baramulla** in presence of the bidders who wish to attend. In case Offices happen to be closed on the scheduled date of opening due to holiday or any other reason, the bids will be opened on the next working day at the scheduled time and venue.
  - 1.4 The complete bidding process will be on line.
2. **Submission of Tenders:**

The tenders shall be submitted on line in two covers.

  - 2.1 **First cover shall contain self-attested copies of the following documents:**
    1. Scanned copy of tender document fee in shape of Treasury Challan/DD under **MH-0702** (Annexed to this document) mentioning there in **NIT No. and Serial No.**
    2. Scanned copy of Bank Document in respect of Earnest money for in the shape of **(Fresh) CDR/FDR/BG.**
    3. Scanned copy of Goods and Services Tax (GST) Registration Certificate and latest return.
    4. Scanned copy of experience certificate, of similar nature of job duly issued by the officer not less than the rank of Executive Engineer in any Govt. depts.
    5. Certificate from the concerned Assistant Executive Engineer Mechanical Irrigation of this Division to the effect that **not more than 3 works** are pending by the firm and the work being executed by the firm are to their best satisfaction of the Department for the already allotted work orders.
    6. Scanned copy of “**Technical Specifications** “as per annexure” duly conformed by the bidder.
    7. Scanned copy of “**Commercial terms and conditions** “as per annexure” duly conformed by the bidder.
    8. Bidder are requested to visit the site before quoting the rates.
    9. The successful bidder shall have to engage technical supervisor with good knowledge of equipment/ machinery installed at the scheme for better maintenance and upkeep of the system.
  - In case of Creation of sub-station, the bidder must have “A” Class Electrical License and shall have to obtain relevant inspection certificate from inspection wing of PDD.
  - The firms who have not undertaken the works under different allotments issued to them by this office from time to time or have left works without execution or half way shall not be considered / qualified for opening of technical / financial bid. (refer to 2.1.4 above)
  - The equipment supplied should be as per latest BIS standards.
  - The successful bidder shall have to submit the “Original Equipment Manufacturer’s test certificate” in original (In case of fresh procurement only).

- Note:**
- i. *The above documents shall be subject to proper scrutiny. Bids without pre qualifications shall be rejected.*
  - ii. *Exemptions of tender document fee shall be entertained only if all the tendered items fall in the Permanent Registration Certificate issued by Industries Department and Industrial policy 2016 shall be applicable to the units established prior to 2021 only. Any tender with less tender document fee shall be rejected out rightly.*

- iii. *The bidder must submit their respective email IDs and phone numbers/WhatsApp Nos. for future communications.*  
*The communication via email / WhatsApp shall be considered as authentic and final.*
- iv. *In case of any error/mistake or correction necessary corrigendum will be issued*
3. **Second Cover shall contain the Price Bid/BOQ**  
Tenders not submitted in two covers, containing above documents, shall be rejected out rightly.
- 3.1 **First Cover (Prequalification)** shall be opened online in the office of the **Executive Engineer, Mechanical Irrigation Division Baramulla** after which the financial bids of qualifying bidders shall be opened.
4. **Validity**  
The tenders shall be valid for a period of **120 days** from the date of opening of First Cover.
5. After the tenders are opened, no tenderer shall be allowed to change the equipment offered by him or the prices or terms and conditions quoted by him, unless specifically asked to do so by the Department in writing by way of clarifications.
6. The **Executive Engineer, Mechanical Irrigation Division Baramulla** reserves the right to reject, or, accept any or all tenders in part or in full, without assigning any reason thereof.
7. For any typographical error or omission in the various conditions and contents of the tender document, the interpretation as given by the Department will be final and binding upon the tenderers.
8. Conditional tenders shall not be accepted and rejected out rightly without assigning any reason thereof.
9. **Expenses for tendering:**  
The tenderer shall not be entitled to any claim towards expenses incurred incidental to the submission of the tender or subsequent evaluation/clarification thereof.
10. **Result of tender:**  
Successful tenderer shall get informed about result via SMS / email and have to submit the hard copies of EMD and tender document cost. On receipt of the written order to commence the work from the Department and on the basis of the stipulations in these tender documents, subject to the changes mutually agreed upon by the Department and the tenderer before the award of the contract, the contractor will start the work. Time taken in signing the agreement will not affect the time of completion specified for the work. No payment shall, however, be made till the agreement is executed.
11. **Clarifications:**  
In case of any technical clarifications, suggestions, comments, set forth in the tender documents, the tenderers shall address the **Executive Engineer, Mechanical Irrigation Division Baramulla** in writing.
12. **Prices:**  
The prices quoted (if applicable) shall be inclusive of CGST, SGST, packing, forwarding, freight (by road, transport from manufacturers workshop to the site of installation), un-loading, transit insurance, toll, octroy, third party inspection charges and all other levies and taxes, whatsoever applicable.
13. **Subletting of work:**  
The contractor shall not sublet the whole or part of the work, except where otherwise provided by the agreement. The contractor shall not assign the work or any part thereof or any benefit or any interest thereon or any claim arising out of the contract, without prior written consent of the Department.
14. **Time of completion:**
- I. The entire work is to be completed within stipulated time period of **07 days** from issuance of LOI/Allotment order.
- II. In case the site of installation is not available, the equipment/material shall be kept in the safe custody of departmental representative and shall be installed as soon as the site is made available.
- III. Penalty up to 10% of the total allotted cost shall be imposed if the work is not completed within the stipulated time.
15. **Accommodation and other facilities:**  
The contractor shall be responsible for complete watch and ward of the equipment, the installation, indoor as well as outdoor during the occurrence of the contract, which shall include maintenance of lights, guards, fencing and watching, safety and convenience of the staff, labour and general public.
16. **Staff & labour:**  
The Contractor shall make his own arrangements for the engagement of all type of staff/labour for execution of the contract. No worker below the age 18 years shall be employed on the works, and the contractor shall comply with the provisions of all labour laws and rules framed there under.
17. **Accident provisions:**  
The Contractor shall be responsible for any accident, which may occur during the period of work, to human life. Compensation, as shall be applicable under labour law, or any other law in vogue, shall be payable to the victim by the Contractor only.

18. **Agreement:**  
A formal deed of "**Agreement**", incorporating therein the terms and conditions which shall govern the Contract, will be executed by the successful tenderer with the Department within one week of the issuance of the formal Allotment Order. This written instrument of Agreement governing the contract shall, in all respects, be deemed to be, and construed to be, and shall operate as 'An Indian Contract' in conformity with laws applicable and in vogue in the State of Jammu & Kashmir, and shall be subject to the jurisdiction of the Courts in the State of Jammu & Kashmir only.  
Non-execution of formal agreement shall, in no way, make the Contract ineffective/in-operative.  
No payment, whatsoever, even against the work done, shall be released without drawl and acceptance of the formal agreement.
19. **Terms of payment for repairing of equipment:**  
**90% of payment shall be released completion of work in full and report of necessary performance** certificate by AEE concerned 10% shall kept in deposit and released after 90 days from completion of work/one irrigation season subject to certification of satisfactory performed by AEE concerned.
20. **Clean up:**  
The contractor shall always keep the site clean, devoid of any dirt, dust, surplus materials as per the instructions of the Departmental Supervisors/workers. The equipment and sites should be kept neat and clean for the whole period of Contract. No extra payment shall be made by the Department on this account.
21. **payment making authority:**  
The 'Payment making Authority' for the Contract shall be ***Executive Engineer Mechanical Irrigation Division Baramulla***
- 21.1 All the other terms and conditions as envisaged in PWD form 25 Double shall be same and binding on parties.

Sd/-  
Executive Engineer  
Mechanical Irrigation Division  
Baramulla

**OFFICE OF THE EXECUTIVE ENGINEER**  
**Mechanical Irrigation Division Baramulla**

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**Tender Document of NIT No: E-01 of 2024-25**  
**Issued under No. MIDB/CC-02/64-72, dated: 04-04-2024**  
**Technical Specifications (Annexure "B")**

**For S. No. 01: Urgent repairs to HT/ LT line of Lift Irrigation Scheme Khadniyar.**

<b>S. No.</b>	<b>Particulars</b>	<b>Qty.</b>
1.	Supply, installation, testing & commissioning of 50 sq mm XLPE insulated 3.5 core, 1100V industrial armoured cable to be laid from 100 KVA transformer to panel board at lift irrigation scheme Khadniyar crossing through river Jhelum of Havells/Gloster/Finolex/ Panasonic/National/ Reputed make. The cable shall be thimble at each end with Dowell/Reputed make thimble with the help of hydraulic crippling tool, tape roll etc. The job also required Boat, rope, skilled labours, tools & tackles for crossing cable from end of river Jhelum to another end for the completion of work.	320 Mtr
2.	Replacement of damaged channels with new ISMC- 75 channel on M.S Steel tubular pole installed at both end of the river Jhelum with clamps, nuts & bolts, washers (24kg). The job also includes erection of nonlinear resistor type lighting arrestor set (Set of 03 No's) suitable for three wire, 11kv overhead lines with rated voltage 9V rms with a nominal discharge current rating of 5A and complete with nuts bolts and washers. The job also includes providing and fitting of channels of ISMC -75 (24 kg) with clamps, nuts, bolts and washers for lighting arrestor. The job also includes earthing to lighting arrestor, transformer with G.I strip ( 25kg), Baby insulator (10no), Baby Clamps(10 no), Earthing rod of G.I (03 no) for the completion of work.	01 job
3.	Dismantling/lowering down damaged service line from existing M.S steel tubular poles with the help of skilled labours, ladder, rope , other tools & tackles, then shifting it to Divisional store in private load carrier .	01 job

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*Seal and signature of the bidder*

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**Technical Specifications (Annexure "B")**

**For S. No. 02: Urgent welding work to be carried out at Lift Irrigation Scheme Seer.**

S. No.	Particulars	Qty.
1.	<p><b><u>Repairs to 750mm dia rising main by way of following steps</u></b> Repairs to major leakage at 03spots along 750mm dia. M.S rising main near bypass road by way of earth excavation with the help of JCB, then cutting appropriate size of windows to the rising main by using oxyacetylene gas plant at site for cutting of window to M.S pipe in order to carry out welding works inside the pipe. After making window in the pipe the accumulated water shall be dewatered along with dug out trench using dewatering pump till the pipe becomes dry so that the welding works can be carried inside pipe. The job then involves cleaning of rust around pipe by chipping off rusted layers inside the pipe. The cracked portion of the pipe shall be plugged by using M.S plate of suitable length to cover circumferential &amp; longitudinal crack inside/outside the pipe.. The job includes the hire charges on a/c of using D.G set, welding set, Gas cutter, load carrier, manual earth excavation, dewatering pump, manual labours, superior quality electrodes and skilled welder for completing the repair work. After successful completion of repair work, the rising main shall be tested on full load.</p>	03 spots

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**Technical Specifications (Annexure "B")**

**For S. No. 03: Repairs to 300 HP ATS Starter of Lift Irrigation Scheme Gantamulla and Sheeri-1.**

S. No.	Particulars	Qty.
1.	<p><b><u>Repairs to 300HP ATS Starter of L.I.S Gantamulla by way of:</u></b> Disconnecting of fully automatic Autotransformer Starter from the main circuit, then dismantling of damaged parts from the starter which comprises of following job.</p> <ul style="list-style-type: none"><li>a) Replacement of damaged A.C coil of Telemecanique &amp; Controls LCIF 500A 415volt 50HZ with new one (01 no).</li><li>b) Providing/fitting &amp; Testing of Single Phase preventer with Phase unbalance ,phase failure Phase Reversal protection relay voltage range 415V Ac 50Hz.(01 no)</li><li>c) Providing and fitting of new fuse set of reputed make as per sample.</li><li>d) Minor repairs to copper control wiring of starter including cable ties, connections, tapping and insulation as per requirement. . After completion of work the starter should be tested on full load.</li></ul> <p><b>Note:</b> Old scrap return to divisional store.</p>	01 c- job
2.	<p><b><u>Repairs to 300HP ATS Starter unit no.02 of L.I.S Sheeri-I by way of:</u></b> Disconnecting of fully automatic Autotransformer Starter from the main circuit, then dismantling of damaged parts from the starter which comprises of following job.</p> <ul style="list-style-type: none"><li>a) Providing, fitting &amp; testing of new Contactor Field Coil to MNX 550A 415 volts 50HZ. The Electromagnetic Contactor assembly coil voltage range 240V. (01 no)</li><li>b) Providing, fitting &amp; setting of electro pneumatic timing relay with timing range up to 60s coil voltage 415V.(2NO + 2NC double block) ON&amp;OFF delay.</li><li>c) Providing and fitting of new fuse set of reputed make as per sample.</li><li>d) Minor repairs to copper control wiring of starter including cable ties, connections, tapping and insulation as per requirement. . After completion of work the starter should be tested on full load.</li></ul> <p><b>Note:</b> Old scrap return to divisional store.</p>	01 job

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**Technical Specifications (Annexure "B")**

**For S. No. 04: Complete overhauling to 05 cusec Hz split casing pump having head 16 Mtr. Of Lift Irrigation Scheme Delina Ghat.**

S. No.	Particulars	Qty.
1.	Mechanical transportation, loading, unloading and handling of 05 cusec HZ split casing suction pump of lift irrigation scheme Delina Ghat using appropriate means of transport like Auto Vehicle up to lead of 8km/trip :	2 no
2.	Manufacturing, providing and fitting of SS sleeve two no as per sample having 2.5kg weight each sleeve.	5kg
3.	Repairs to damaged shaft SS by way of rebuilding of shaft using high quality electrodes then turning the shaft on lathe machine to remove the excess material deposited and restore the original dimension and profile of shaft. The job also includes minor repairing to bearing seats, neck rings, chuck nut, impeller, cleaning/ greasing to existing ball bearing properly with the help of skilled labours, other tools& tackles for the completion of work.	01 job
4.	Shifting pump from workshop to site, assembling of HZ split casing pump after proper cleaning of all the parts, alignment with motor, connecting motor leads tested on full load.	01 job
5.	Providing of M.S nuts & bolts as per sample.	4kg
6.	Providing of palmative packing as per sample for pumping units.	3kg
7.	Providing of grease for site to use it for pumping units.	3kg
8.	Providing and fitting of TC- 16 coupling set complete along with flexible rubber tyre. The job also includes the charge for taking of dimensions at site and then boring of holes at workshop to the coupling halves which shall match with size of shaft of pump and motor.	01 job

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**Technical Specifications (Annexure "B")**

**For S. No. 05: Complete overhauling to 05 cusec Hz split casing pump having head 12 Mtr. Of Lift Irrigation Scheme Khadniyar.**

S. No.	Particulars	Qty.
1.	Mechanical transportation, loading, unloading and handling of 05 cusec HZ split casing suction pump unit no.02 of lift irrigation scheme Khadniyar using appropriate means of transport like Auto Vehicle up to lead of 8km/trip :	2 no
2.	Shifting pump manually from site to road approx. 1km.	01 job
3.	Manufacturing, providing and fitting of SS sleeve two no as per sample having 2.5kg weight each sleeve.	5kg
4.	Manufacturing, providing and fitting of M.S cooling ring with allied accessories as per sample having 0.5kg weight each ring.	1kg
5.	Providing and fitting of ball bearing 6309 as per sample of equivalent domestic make with adequate greasing.	02 no
6.	Providing of M.S nuts & bolts as per sample.	4kg
7.	Repairs to damaged shaft SS by way of rebuilding of shaft using high quality electrodes then turning the shaft on lathe machine to remove the excess material deposited and restore the original dimension and profile of shaft. The job also includes minor repairing to bearing seats, chuck nut, impeller and other parts with the help of skilled labour, tools & tackles for the completion of work.	01 job
8.	The job also includes the charge of shifting pump manually from road to site approx 1km,.then assembling of HZ split casing pump after proper cleaning of all the parts, alignment with motor, connecting motor leads tested on full load.	01 job
9.	Providing of palmative packing as per sample for pumping units.	3kg
10.	Providing of grease for site to use it for pumping units.	3kg
11.	Providing and fitting of TC- 16 coupling set complete along with flexible rubber tyre. The job also includes the charge for taking of dimensions at site and then boring of holes at workshop to the coupling halves which shall match with size of shaft of pump and motor.	01 job

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**Technical Specifications (Annexure "B")**

**For S. No. 06: Complete overhauling to 02 cusec Hz split casing pump having head 37 Mtr. Of Lift Irrigation Scheme Kandikhan.**

S. No.	Particulars	Qty.
1.	Mechanical transportation, loading, unloading and handling of 02 cusec HZ split casing suction pump of lift irrigation scheme Kandikhan using appropriate means of transport like auto vehicle up to lead of 5km/trip :	2 no
2.	Repairs to damaged shaft SS by way of rebuilding of shaft using high quality electrodes then turning the shaft on lathe machine to remove the excess material deposited and restore the original dimension and profile of shaft. The job also includes minor repairing to bearing seats, neck rings, chuck nut, impeller and other parts, washing/ greasing to existing ball bearing properly with the help of skilled labours, other tools& tackles for the completion of work 6.5mm dia. shaft.	01 Job
3.	Manufacturing, providing and fitting of SS sleeve two no as per sample having 2kg weight each sleeve.	4kg
4.	Shifting pump from workshop to site, assembling of HZ split casing pump after proper cleaning of all the parts, alignment with motor, connecting motor leads tested on full load.	01
5.	Providing of M.S nuts & bolts as per sample.	5kg
6.	Providing of palmative packing as per sample for pumping units.	4kg
7.	Providing of grease for site to use it for pumping units.	3kg

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**Technical Specifications (Annexure "B")**

**For S. No. 07: Repairs to 05 cusec Hz split casing pump having head 13 Mtr. 300mm dia. M.S foot valve and other allied works at Lift Irrigation Scheme Darpora.**

<b>S. No.</b>	<b>Particulars</b>	<b>Qty.</b>
1.	Dismantling of 05 cusec Hz split casing pump & 300 mm dia. M.S foot valve with the help of skilled labours, other tools & tackles.	01 job
2.	Mechanical transportation, loading, unloading and handling of 05 cusec HZ split casing suction pump unit no.01, 300 mm dia. M.S foot valve of lift irrigation scheme Darpora using appropriate means of transport like Mahindra Bolero, Tata mobile up to lead of 9km/trip.	2 no
3.	Manufacturing, providing and fitting of SS sleeve two no as per sample having weight 2kg weight each sleeve.	4kg
4.	Providing of palmative packing as per sample for pumping unit.	2kg
5.	Providing of grease for site to use it for pumping units.	3kg
6.	Providing M.S nuts & bolts for suction/ delivery pipe, foot valve.	5kg
7.	Repairs to 300 mm dia. M.S foot valve by way of replacement of weight plate approx. five kg with new one , welding to damaged area by way of welding /patching, repairs to hinges, p/f of new washers, nuts& bolts, fabrication of new strainer approx. weight seven kg for the completion of work.	01 job
8.	Fabrication of new SS spindle with proper threading & wedge nut by way of machining process with the help of skilled labour having weight three kg. The job also includes the charge of palmetto packing, R.I cloth etc for the completion of work.	01 job
9.	Fitting of M.S foot valve with suction pipe, assembling of HZ split casing pump after proper cleaning of all the parts, alignment with motor, connecting motor leads tested on full load.	01 job

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**Issued under No. MIDB/CC-02/64-72, dated: 04-04-2024**  
**Technical Specifications (Annexure "B")**

**For S. No. 08: Power supply cable of Sub-Divisional Office of MISD Pattan.**

S. No.	Particulars	Qty.
1.	Providing fitting of 25mm Sq. 2 core aluminium cable Havel's/ Finolax make as service line of Sub-Divisional office. The job include proper laying of cable and connecting distribution.	120 Mtr.

Sd/-  
Executive Engineer  
Mechanical Irrigation Division  
Baramulla

*Seal and signature of the bidder*

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**Technical Specifications (Annexure "B")**

**For S. No. 09: Electrical work at Lift Irrigation/Dewatering Scheme Wazirgund of MISD Pattan.**

S. No.	Particulars	Qty.
1.	Providing fitting of 3-pole, 415 V MCCB with Thermal Magnetic release having 36 KA breaking capacity ICS= 100% ICU 9maker L&T/ Schneider) having max thermal release range of 320 A.	01 Job
2.	Providing fitting of analogue Voltmeter (0-500V) up AE/Rishab make.	02 No.
3.	Providing fitting of 240 Sqm Aluminium thimbles.	12 No.
4.	Providing fitting of Tripping coil 40 HP.	02 No.
5.	Providing fitting of long/ fixed copper contact points.	12 No.
6.	Providing fitting of short/moveable copper contact points.	12 No.

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**Technical Specifications (Annexure "B")**

**For S. No. 10: Electrical and Mechanical works to be carried out at Lift Irrigation Scheme Vighbal 1st of MISD Sopore.**

S. No.	Particulars	Qty.
1.	Providing and fitting of 11kV 3 phase 400A polymer type G.O.D. complete with all accessories viz., G.I. pipe, handle etc. (set of 03 pieces). The job needs modification/addition alteration of existing channels.	One Job
2.	Providing and fitting of 11kV polymer type surge arrestor having rated voltage 9KV Rms with discharge current of 10KA (set of 03 pieces) with 9 feet G.I channel of ISMC 75×40 complete with clamps, nut bolts etc.	One Job
3.	Fabrication, erection, alignment and fitting of overhead gantry for 250KVA transformer by way of required mechanical operation viz., cutting, welding, tapering etc. The welding is to be carried out by mobile welding set which includes DG set, Tata mobile, welding set and superior quality electrodes of make Adore/ Advani/ Essab, skilled workers and includes removing of abrasive material and finishing of welding spots. The details are as: Vertical posts fabricated out of 200mm dia M.S. pipe <b>(departmental old pipe)</b> 2 No. ×15ft = 30rft Horizontal beam/Pipe 1 No. ×10ft = 10rft <b>(departmental old pipe)</b> Total= 40rft = 12m The vertical post to be grouted in M15 cement concrete block after excavating a proper trench complete and the horizontal beam fabricated out of existing M.S pipe to be fitted on the top of the vertical posts by proper alignment and both ends of the horizontal beam should be fixed on vertical posts by proper bends including all nut bolts. The job includes all handling and conveyance from Sub-divisional store to site. The job also includes providing and applying of metallic primer and two coats of synthetic enamel paint.	One Complete Job
4.	Providing and laying of cement concrete block in M10 mix with 20mm stone aggregate complete with all form-work and carriages upto site. (6ft ×6ft×3.5ft = 126cft = 3.56 cum for construction of transformer bed.	3.56cum
5.	Providing and fitting of 400A TPN fuse disconnecter in SS enclosure along with 3 No. HN fuses of 400A each. The job includes providing and fitting of wooden frame of suitable size for fixing of the SS enclosure complete with all nut bolts, thimbles and other required fittings. Make: Schinider/Seimens/L&T.	One job

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**Technical Specifications (Annexure "B")**

**For S. No. 11: Electrical works to be carried out at Lift Irrigation Scheme Wadura Bala of MISD Sopore.**

S. No.	Particulars	Qty.
1.	Dismantling of existing old, shabby, grotesque 100kVA substation by way of dismantling of damaged HT insulators, damaged drop out set and wooden rottened joists/planks etc and extraction of 7m ST pole by manual means. Also dismantling of old steel structure bed by required mechanical operations viz., cutting and manual means complete. All tools and tackles required shall be arranged by the firm.	One complete Job
2.	Relocation and Construction of 100KVA substation by way of: i) Earthwork/ excavation of trench for HT poles as per REC standards.	1.13cum
3.	ii) Providing, fitting and erection of 9m steel tubular poles (SP 33) for H-Frame as per REC standards.	02 Job
4.	iii) Providing and fixing of three number of 11kV polymer type insulators as per REC standards.	03 Job
5.	iv) Providing and fitting of 11kV polymer type surge arrestor having rated voltage 11KV Rms with discharge current of 10KA (set of 03 pieces).	1 Set
6.	v) Providing and fitting of 11kV 3 phase 200A polymer type drop out set (set of 03 pieces).4	1 Set
7.	vi) Providing and fitting of 11kV 3 phase 200A polymer type G.O.D. complete with all accessories viz., G.I. pipe, handle etc as per REC standards (set of 03 pieces).	1 Set
8.	vii) Providing and applying of metallic paint to two number poles complete as per REC standard.	1 C- Job
9.	Providing and fixing of G.I channel/ angle iron/flat iron including clamps, G.I V-Cross arm, F-tops for substation and poles as per REC standards. ISMC 75×40 channel: 6 No. ×9ft @17kgs per channel...(102Kg) V-cross and F top: 2No. (21kgs each) Clamps: 10kg Nut bolts: 5 Kg	159 kg
10.	Cement bottoming of ST poles and vertical posts of platform in M15 mix as per REC standards with 20mm stone aggregate including all formwork and carriages upto site complete.	1.5cum
11.	Construction of steel structure bed by required mechanical operations viz., cutting, welding and other required operations by way of providing and fitting of <b>departmental material</b> which includes rolled steel channels and angle iron and M.S. plates. The detail here as: i) VT posts fabricated out of ISMC 150. (5 No.×5ft = 25rft ii) Hz beam fabricated out of ISA 50×50×6 (4No. ×5ft = 20rft iii) Hz beam ISMC 75×40 (3No. × 5ft = 15rft iv) M.S. chequered Plate 4ft×4ft×4mm	232kgs
12.	Providing and fitting of angle iron 50×50×6mm for horizontal, vertical posts and brackets for extra strength of steel structure bed complete by required welding.	60Kg
13.	Providing and applying of one coat metallic paint and two coats of synthetic enamel paint to whole steel structure bed.	01 job
14.	Supplying and fixing of 5 No. of earthings for 100kV substation, by earthing of one No. transformer body, 02 No. neutrals, 01 No. lighting arrestor and 01 No. G.O.D by way of providing and fixing of GI solid electrode rod of dia 25mm, 2.5 mtr long each five No. through GI Strip of size 40mmX6mmX50m long, fixed and laid from lightning arrestor to GI rods, transformer body to GI rod and from neutral to GI rods by required GI nut bolts/revits. The job includes providing/filling of required chemical compound Bentonite with G.I electrode rods after excavating proper trench for construction of Earthing Station.	01 C-job

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**Technical Specifications (Annexure "B")**

**For S. No. 12: Repairs to 05 cusec capacity horizontal split casing pump at Lift Irrigation Scheme Zandbatti of MISD Handwara.**

S. No.	Particulars	Qty.
1.	Complete dismantling of single stage horizontal pump by way of disconnecting all leads from the motor and marking the terminals, uncoupling of motor from the pump. Disassembling, dismantling and segregation of various pump parts such as shaft and sleeves, impeller, gland, fasteners, etc. (300mm suction dia.)	1 Job
2.	Complete assembling of single stage horizontal pump after cleaning of all parts thoroughly with petrol, coupling and alignment with motor, connecting of motor leads and testing on full load.	1 Job
3.	Mechanical transportation, loading, unloading and handling of pump using appropriate means of transport through a lead of approximately 30 kilometer.	2 Trip
4.	Providing and fitting of ball bearing no. 6309 reputed make along with proper and adequate lubrication.	2 Job
5.	Rebuilding of pump shaft by way of welding works at excessively worn out places and rebuilding of bearing seats as per requirement and turning and finishing on lathe machine.	1 Job
6.	Manufacturing, providing and fitting of SS checknuts as per sample.	2 Job
7.	Removing of broken/damaged studs/bolts from pump body, boring and tapping along with fasteners of suitable size. Providing and fitting of palmetto packing, nuts and bolts of assorted sizes (04kg).	1 Job
8.	Repairs/periodic maintenance of 300 mm foot valve installed on suction by way of extraction of foot valve from their installed position by means of cutting damaged/rusted/worn out bolts The job includes reconditioning of hinges, hinge bolts, weight plate, valve seat, valve body by way of welding, patching, grinding etc. Providing and fitting of rubber insertion cloth replacing the rusted/damaged parts, nuts, bolts, hinges etc as per requirement, cutting the old damaged/rusted MS bars of strainer and providing and fitting of new MS bars. Re-fitting to suction line and testing on full load.4.5 Kg (M.S round bar)	1 Job

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**Technical Specifications (Annexure "B")**

**For S. No. 13: Repairs to 03 cusec, 80m dynamic head, five stage vertical turbine pumping unit at Lift Irrigation Scheme Kandi-Natnussa of MISD Handwara.**

S. No.	Particulars	Qty.
1.	Mechanical transportation, loading, unloading and handling of pump using appropriate means of transport through a lead of approximately 25 kilometre.	2 Trip
2.	Complete assembling of all VT pump parts after cleaning , coupling and alignment with motor, connecting of motor leads and testing on full load of five stage bowl pump with column pipe of 250 mm dia.	1 Job
3.	Repairs to the SS shaft at seven spots by way of rebuilding of shaft using high quality SS electrodes and then turning the shaft on the machine to remove excess material deposit and restore the original dimensions and profile of shaft.	7 Spot
4.	Fabrication, turning and finishing of specified Stainless Steel (AISI-410 or IS 1570) shaft with end preparation (threaded, etc.) keyway as per old sample having finished diameter of 38 mm, length= 2330 mm and finished weight of approximately 20kg.	20 Kg
5.	Fabrication, turning and finishing (on inside and outside) Stainless Steel (AISI-410 or IS 1570) <b>shaft coupling</b> as per old sample having finished weight of approximately 0.63 kg @ 1690/kg = .(L=90 mm, ID=34 mm,OD= 48mm)	6 Job
6.	Fabrication, turning and finishing of specified Stainless Steel (AISI-410 or IS 1570) <b>shaft sleeve</b> as per old sample having finished weight of approximately 0.9 kg @1607/kg=. (L=172mm, ID=38 mm,OD= 48mm)	5 Job
7.	Providing and fitting of 07 no. cut less rubber bush in brass retainer to bearing spider and bowl housing for bearing spider with approx. dimensions (Cut less rubber H=64mm, ID=49 mm, OD= 65mm, bronze retainer H=64mm, ID=65 mm,OD= 77mm). Approx. weight of each bush= 0.84kg	7 Job
8.	Providing and fitting of 05 no. cut less rubber bush in brass retainer to bowl housing as per sample having approximate with approx. dimensions( Cut less rubber L=52mm, ID=49 mm,OD= 72mm, bronze retainer L=52 mm, ID=49 mm,OD= 58mm. Approx. weight of each bush= 0.47 kg	5 Job
9.	providing and fitting of gun metal bush for suction bell mouth (height= 135mm, ID=49mm, OD= 58mm= 0.91kg)	0.91 kg
10.	providing and fitting of gun metal bush for top cover of bowl assembly (height = 110mm, ID=49mm, OD= 58mm= 0.74 kg)	0.74 kg
11.	Providing and fitting of gun metal bush split type gland for stuffing box as per sample.	0.8 Kg
12.	Providing and fitting of packing of required size for pump.	2 Kg
13.	Fabrication providing and fitting of mesh strainer of diameter=375 mm, height/width= 300mm approx. using steel mesh, MS square bars and MS sheet of suitable thickness and size as per directions of site engineer including painting of stainer with one coat of antirust paint and two coats of bitumen paint The strainer has to be fitted to suction bell mouth at site. Approx. weight=10 kg	10 Kg
14.	Providing and fitting of rubber gasket set (O-ring) for 250 mm dia flanged column pipes (08 no.)	8 No.
15.	providing and fitting of Double ended spanner (06 to 32) of taparia or equivalent make	1 Set
16.	providing and fitting of Double ended chrome plated ring spanner set(06 to 32) of taparia or equivalent make	1 Set
17.	providing and fitting of heavy duty grease gun lever type of taparia or equivalent make	1 No.
18.	providing and fitting of MS hexagonal Studs, nut and bolts of assorted sizes	20 kg

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**Annexure “C”**

**Commercial Terms and conditions**

S. No.	Particulars	NIT requirements	Tenderers' Conformation	Seal and Signature of the tenderer
1.	Validity of offer	120 days from the date of opening of tenders	Conformed/Not Conformed	
2.	Time of completion	Job is to be completed within <b>07 days</b>	Conformed/Not Conformed	
3.	Terms of payment	<b><u>Terms of payment for repairing of equipment:</u></b> <b><u>90% of payment shall be released completion of work in full and report of necessary performance</u></b> certificate by AEE concerned 10% shall kept in deposit and released after 90 days from completion of work/one irrigation season subject to certification of satisfactory performed by AEE concerned.	Conformed/Not Conformed	
4.	Prices	Prices quoted shall be F.O.R. delivery at site of installation inclusive of CGST, SGST, packing, forwarding, freight, unloading, transit insurance, toll, octroy and all other levies and taxes, whatsoever applicable.	Conformed/Not Conformed	
5.	All other terms and conditions of NIT.		Agreed / Not Agreed	

**Note:**

The tenderers are requested to provide all the information only on this format. The tenderer shall note that even one missing information shall make their tender invalid and their price bid of the tender document shall not be opened.

Executive Engineer  
Mechanical Irrigation Division  
Baramulla

## Annexure "E"

### Form F.C.2

(See Rule 2.9)

**Serial No.**

{Note: - No challan will be entertained unless it is properly filled up}

**CHALLAN FORWARDING MONEY (OTHER THAN THAT OF LAND REVENUE) FOR DEPOSIT INTO ANY GOVT. TREASURY.**

**Counterfoil**

{To be filled in by the Depositor}

By whom tendered	Name or designation and address of person on whose behalf money is paid	Particulars of remittance and of authority (if any)	Amount		Account head to which creditable		
Name			Rs.	P.	Major	Minor	Detailed
	<i>Executive Engineer Mechanical Irrigation Division Baramulla</i>			.00	<b>MH-0702 in favour of Executive Engineer Mechanical Irrigation Division Baramulla on account of <u>Tender fee</u></b>		
<b>Total:</b>				.00	In word Rupees: _____ _____ _____		

\*In case of amounts to be credited to "Debt Head-T, Deposits and Advances-Account-Recoveries of Income Payments".

**REFERENCE TO ORIGINAL DRAWLS OUT OF WHICH REFUNDED**

Amount Drawn		Name of Treasury	Date of Drawl and voucher No.	Account Head			Amount Refunded		Remarks
Rs.	P.			Major	Minor	Detailed	Rs.	P.	

<b>Treasury Officer</b> Please receive the above amount  Dated: _____	Depositor { Signature _____ Designation _____
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<b>Manager</b> <b>J &amp; K Bank Ltd./Treasurer</b>	<b>Received</b>  <b>Manager</b> <b>J &amp; K Bank Ltd./Treasurer</b>  Dated: _____	Received the sum specified above and credited to the heads as shown.  Accountant      Treasury officer Dated: _____  Item No.: _____
Please receive Treasury officer  Dated: _____		