

**Allotment Order No: 127 of 08/2023**

M/S Modern Electrical & Mechanical  
Engineering Works  
Prop: Inayat Hussain Najar  
R/o: Narwah, Pulwama  
Office: Kadlabal, Pampore, Pulwama  
GST No: 01ANJPN5181F1Z6  
E-mail: inayathussain393@gmail.com  
Cell No: 8825053409

AA Accorded vide Order No.	SE/Hyd/Spn/29 of 08/2020 Dated: 31/08/2020
Tech. Sanction Accorded vide Order No.	EE/JSD/Mech/ Awp/JJM/22 of 09/2022 Dated: 06/09/2022
Adv. Cost:	Rs. 4,28,000/-
Allotted Cost:	Rs. 4,27,616/-

**Subject:-** Supply, Installation, Testing and Commissioning of Electro-Mechanical equipments at water supply scheme Tahab Old of Jal Shakti (PHE) Mechanical Division South Awantipora under JJM.

**Reference:-** 1. This office e-NIT No.: 02 of 2023-24 of 10/04/2023 issued under endorsement No.: JSD/PHE/MDSA/82-97 Dated: 10/04/2023 read with Corrigendum Nos.: JSD/PHE/MDSA/341-43 Dated: 03/05/2023 & JSD/PHE/MDSA/791-93 Dated: 23/05/2023.  
2. Superintending Engineer Hydraulic Circle Pulwama/Shopian [HQ] Shopian (Member Secretary JJM) Office Letter No.: SE/HYD/SPN/DB/3292-3304 Dated: 16-08-2023 & minutes of meeting issued thereof.

Dear Sir,


For and on behalf of Lt. Governor of J&K U.T contract for execution of aforementioned job is hereby fixed with you on Percentage basis (@ PAR with Estimated/Advertised rates). This is in response to your online bid and subsequent acceptance of rates, specifications, terms and conditions as contained in Annexure "A & B" of this allotment order.

Encl. 06 leaves.

No.: MDSA/ 2771-70

Dated: 25 /08/2023

Yours Sincerely

  
Executive Engineer  
Jal Shakti PHE Mechanical Division  
(South) Awantipora  
(Member JJM)

Copy to the:

1. Chief Engineer Jal Shakti (PHE) Department Srinagar for information.
2. District Development Commissioner (Chairman DJJM) Pulwama for information.
3. Superintending Engineer Jal Shakti (PHE) Mechanical Circle (South) Srinagar for information.
4. Superintending Engineer Jal Shakti (PHE) Hydraulic Circle Pulwama/Shopian for information.
5. Executive Engineer Jal Shakti (PHE) Division Pulwama for information & n/a.
6. Provisional Head, TPIA JJM Kashmir, (WAPCOS Limited) Corporate Office 76-C Institutional area Sector-18 Gurugram-122015 (Haryana) for information.
7. Assistant Executive Engineer Jal Shakti (PHE) Mech. Sub Division Shopian for information & necessary action. He will ensure execution of work strictly in accordance with the rates, specifications, terms / conditions & within the stipulated time, besides, the cost of work should not exceed beyond allotted cost. In case of any delay in completion of work, the reasons shall be justified.
8. File concerned.



ANNEXURE "A" to this office Allotment Order No: 127 of 08/2023

13. **TRANSIT INSURANCE:-** Prior to dispatch, the ordered equipment shall be insured through a Nationalized Insurance Company up to its final destination, against all transit risks. The firm should, therefore, take appropriate insurance policy in advance for covering the transit of the goods, charges for which shall be borne by the tenderer and shall be included in his quoted rates. The department shall pay no extra charges on this account.
14. **SUBLETTING OF WORK:-** The bidder shall not sublet the whole or part of the work. The bidder shall not assign the work or any part thereof or any benefit or any interest thereon or any claim arising of the contract, without prior written consent of the allotting authority.
15. **LIQUIDATED DAMAGES (LD):-** In the event of firm's/joint venture failing, declining, neglecting or delaying the supplies / works or in the event of any damage occurring or being caused by the firm/ joint venture or in the event of any default or failure by the firm in complying with any of the terms and conditions of the contract, the Department shall with or without prejudice to any other remedies available to it under any law for the time being enforce in the UT:
- a) Terminate the contract after 15 days' notice  
and/or
  - b) Recover the amount of loss caused by damage, failure or default, as may be determined by the department.  
and/or
  - c) Recover the extra cost, if any, involved in allotting contract to other party.  
and/or
  - d) Impose Liquidated damages on account of delay beyond the schedule completion period to the tune of 0.5% of the delayed portion of contract every week but not exceeding 10% value of the contract.  
and/or
  - e) Forfeit the performance security and blacklist the firm.
16. **THIRD PARTY MONITORING:** The allotted works shall be subject to check by the third party monitoring agency appointed by the Department in Kashmir. The agency shall check the quality of works executed by the agencies, quality of materials used for construction and quality of machinery installed in each scheme. The TPIQM's role shall be that of an assistant to the Employer's Representative for the purpose of monitoring and evaluation of the performance of the Contract during the Contract Period.
17. **STORAGE AT SITE:** The bidder shall at his own cost make arrangements for proper storage especially towards Rain and Snow damages of the equipment/ materials at sites till its erection/completion. For the purpose the bidder shall, with the approval of Engineer in charge construct temporary storage accommodation for equipment/ material at site for which land shall be provided by the department near the site of work.
18. **OPERATION AND MAINTENANCE MANUALS:** The bidder shall supply, free of cost to the Department, six complete sets of operation and maintenance manuals for the Pumping Equipment. The delivery of these manuals shall be made by the bidder to the Engineer along with the supply of equipment. The manuals shall be appropriately bound in book form and shall contain all necessary instructions regarding operation, preventive maintenance, repairs, trouble shooting, overhauling etc.
19. **OEM Certificate:** The contractor shall produce all relevant test certificates of the manufacturer to the Engineer in-charge before start of the work. The test certificates of the equipment's on whole or all accessories/ attachments and mountings thereof shall be appended with the invoice at the time of submission of the claim to Divisional office. Failure to do so shall result in non-acceptance of invoice/bills by the Divisional office.
20. **CLARIFICATION:** If any clarification is required by the Firm/contractor in relation of technical specifications, the same shall be had from the office of the Assistant Executive Engineer concerned/ Executive Engineer PHE Mechanical Division South Awantipora before the date of start of work.
21. **CONSIGNEE/PAYING AUTHORITY:** The consignee/paying authority in respect of electromechanical component and associated civil works shall be the concerned Executive Engineer, Jal Shakti (PHE) Mechanical Division Awantipora. Besides, the supervision of the various components of the civil work shall be carried out by the concerned Division under the overall coordination of the concerned Superintending Engineer Hydraulic Circle.

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Executive Engineer



22. **TERMS OF PAYMENT:** All payments to the contractor for fulfilling the contract will be made as per the unit rates of Price Schedule (BOQ). All payments will be made in Indian Currency and will be subject to deduction of Income tax, GST, Cess at source, on the rates as are in vogue at the time of release of payment:-
- 65% of the contract value shall be paid on receipt of the material at site (as per the BOQ) in full & verification thereof by the concerned Assistant Executive Engineer.
  - 15% of the contract value shall be released on installation of ordered equipment/material in full at site.
  - 10% of the Contract Value shall be released after successful testing and commissioning of the entire equipment on full load, commissioning and trial run.
  - 10% of the Contract Value shall be released after commissioning of the scheme and satisfactory performance of the equipment for the period as enunciated in warranty clause. However the balance amount can be released against furnishing of Bank Guarantee for an equivalent value valid for three months beyond the expiry of the warranty period of the contract.
23. **WARRANTY:-** The Firm/contractor shall be bound for satisfactory performance of equipment/work 12 months after the successful completion of trial run. If during warranty period, any malfunctioning/defect arises, the firm shall have to rectify the same within a period of ten days of receipt of intimation. In case of any failure on the part of the firm to remove the defect, the Department may get the defects rectified by any other agency and cost thereof shall be recovered from the firm and shall be recommended for further punitive action as governed under the relevant clause of contract including blacklisting.
24. **TRIAL RUN:-** After completion of work, the firm/contractor will have to make a trial run of the scheme for a period of 03 months during which the manpower required for operation shall be provided by the Department.
25. **EQUIPMENT MAKE:** The supplied material/equipments should confirm as per specification of the contract as well as make confirmed by the Firm/contractor.
26. The work done claim should be supported with Geo tagged photographs before, during and after execution of the job.
27. **SITE OFFICE:** - The Firm/Contractor has to maintain at his own cost a suitable site office at the site of work to which the Department sends communications/instructions.
28. **TRAINING OF DEPARTMENTAL STAFF:** - The bidder shall arrange at his own cost and risk to depute at least one competent Engineer of the equipment manufacturer to train up to twelve departmental representatives in the operation & maintenance of the equipment at site. This training shall be for duration of at least 04 consecutive months and shall commence from the date of successful commissioning of the equipment or as may be mutually agreed upon. To groups of Departmental Engineers shall also be deputed to bidders/manufacturers works for short duration to obtain training free cost in the operation & maintenance of the equipment.
29. **DRAWING & QUALITY ASSURANCE PLAN:** - The Firm/Contractor shall be necessarily furnish within two weeks of the date of placement of this order which shall be approved by the Department within two weeks from the receipt by the consignee:-
- Sectional drawing of pumps.
  - General Arrangement Drawings (GAD)/ layout of the equipment fully dimensioned for pumps, motors, starters, shunt capacitors, panels, delivery manifold, cables etc.
  - Detailed circuit diagrams of LT Panels, Starters, Shunt Capacitors etc.
- Quality assurance plan (QAP) of each piece of equipment to Third Party Inspection Agency (TPA) and Department for their approval.
- No manufacturing/fabrication activity shall be started by the Firm without approval of the drawings of each ordered equipment by the competent authority. Additional time consumed due to observations/summary rejection of QAP/GAD shall not be considered in the delivery period of the contract and the bidder shall be wholly and solely held responsible for the delay thus caused.
30. **INSPECTION & TESTING:-** Before dispatch from the works of the OEM, the electro-mechanical equipment shall be inspected by a third party inspection agency i.e. M/S CEIL/RITES/WAPCOS etc. New Delhi. However, the Firm (Bidder) shall make payment to the Inspection Agency (in case of 3<sup>rd</sup> Party Inspection) which shall subsequently be reimbursed by the Department. The successful tenderer shall intimate the Department and the Inspecting Agency/Authority in advance regarding the readiness of the equipment for dispatch and shall furnish test certificates. It shall be responsibility of the suppliers to tie up with the third party nominated for inspection and get necessary inspection of the material done within the delivery period. Any delay on the part of the

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Executive Engineer  
12/11/23

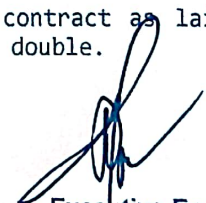
ANNEXURE "A" to this office Allotment Order No: 127 of 08/2023

third party shall not be entertained as an excuse for timely supply of material. The product/ material at site shall be inspected by Assistant Executive Engineer concerned or any other official(s) of the department designated by the concerned Executive Engineer. Any modifications to the works as specified in the specifications considered to be necessary for smooth and trouble-free operation of the equipment by the Department or the third-party inspection agency, the firm shall have to execute the same without any extra cost, to the best satisfaction of the department. The firm shall as such keep the department informed about arrival of material at site. It shall be obligatory on the part of the firm to rectify the defects pointed out by the AEE, if any, and also to incorporate any modification within the scope of work which may be deemed necessary for better performance/finish and workmanship. The supplier upon demand by the department or its representative shall rectify or replace defective unsuitable equipment. The Department reserves the right to nominate his representative for inspection of the goods at the works of the supplier/ manufacturers. As such the department at all reasonable times shall have access to the works and to the site and to all workshops and places where work is being executed and where material / manufactured articles and machinery is being obtained. In case of Sub-Station and power/feeder lines, the firm shall have to obtain a clearance certificate from the concerned inspection Division of the Power Development Department. The list of electromechanical equipment in which third party inspection from CEIL/RITES/WAPCOS is to be carried on:-

- 1) DG Set > 100 KVA.
- 2) Pumping Unit > 100 HP (Horizontal and Vertical)
- 3) Valves >300 mm
- 4) Pipe > 200mm dia
- 5) HT Transformers > 300 KVA
- 6) Voltage Stabilizers > 500 KVA
- 7) Iron Removal Plant

For items other than those manufacturers test certificate shall have to be provided. The HT transformers shall have to be got inspected from the corresponding wing of Power Development department and the necessary certificate shall be submitted along with the manufacturers test certificate.


31. The work is executed strictly in close supervision of AEE/JE/Supervisory staff concerned. However, the civil work if involved should be executed under close supervision of civil counterpart.
32. **WATCH & WARD OF WORKS:** The Firm shall in connection with the work provide and maintain at his own cost all lights, guards, fencing and watching, when and where necessary or required by the Department for the protection of the work or safety and convenience of the Public etc.
33. All other terms and conditions shall be the part of this contract as laid down in e-NIT/SBD/GFR-2017/e-procurement manual 2019 and PWD form "25" double.

  
Executive Engineer  
Jai Shakti PHE Mechanical Division  
(South) Awantipora  
(Member JJM)

Annexure 'B' to this Office Allotment Order No. 127 of 08/2023 for WSS Tahab Old under JJM

Sl. No	Description of Work / Item(s) with Technical Specifications	No. of Qty	Units	Alloted/ Accepted Rate	Amount
1	<b>Electro Mechanical items of WSS Tahab Old</b>				
2	<p>Supply, installation, commissioning and Creation of pole mounted, outdoor type 63 KVA (Level-2) Electric Sub Station as per the technical specifications given here under –</p> <p>Specifications conforming to IS : 1180 (Part 1) 2014 with latest amendments .            Type: HT/LT Transformer            Type of cooling: ONAN            Operating conditions:            Input =11000 volts            Output =433 volts AC supply in 3- phase.            Terminals:            Input=3 No. HT bush rods with insulators, washer, nuts etc.            Output=4 No. LT bush rods switch insulators, washers, nuts etc.            Core: The core shall be of high permeability to reduce core losses and the strips shall be of suitable size and gauge.            Transformer Coils: Suitable number of HT and LT coils in each leg of the core.            The transformer coils shall be fabricated out of superior quality aluminium wire/strips, properly wound. The HT transformer is completely filled with suitable grade transformer oil up to required level. The job includes carriage, and all leads and lifts involved.            The HT transformer shall be of reputed make from an ISO certified company as per relevant standards and a test certificate shall be provided before installation. The transformer shall also be provided with breather fill with silica jel crystals, conservator with oil level indicator, explosion vet and adequate radiator fins/ Tubes. The impedance of transformer shall be as per IS:1180 (Part 1) 2014 with latest amendments.            NOTE: The scope of the work shall include obtaining of necessary inspection/clearance certificate from the concerned department for all the required equipment. The testing and commissioning shall be completed only after obtaining above certificate.            (Make: Alba/JK/Equivalent)</p>	1.00	Job	156330.00	156330.00
3	<p>Fabrication, Providing and fitting of Modular motor control panel of appropriate size fabricated out of 14 SWG sheet having required openings/vents and protection Class : IP-55 &amp; fitted with accessories as under:</p> <p>a) Bus bar Chamber:            The bus bar chamber shall be fitted at the top of the panel horizontally throughout the length. There shall be 3 Nos. of phase bus bar and 1 No neutral bus bar and 1 No earthing bus bar. The bus bars shall be air insulated and made-up of high conductivity COPPER with current density of suitable rating for 200 Ampere. All panel compartments shall be provided with suitable cable alley and vertical bus bar alley. Suitable segregation shall be provided in between bus bar chamber and adjoining compartments. The bus bar shall be PVC sleeved with color strips of red, yellow, blue and black and the same be arranged in accordance with IS-375 specs. Electrical clearances shall be maintained between phases, neutral and body as per standards. (10 Mtr x 0.02 x 0.005 m) x 8960 kg/m<sup>3</sup> = 8.96 Kg</p> <p>b) Main Circuit Breaker (Incomer MCCB):            Qty. = 02            No. of poles = 4 Pole            Current Rating = 200 Amp 50 KA.            Rated operational voltage = 415 V + 15 %            Rated frequency = 50+/-3%Hz            Ambient temperature = 40C°            Ultimate S.C Breaking Cap. at (415V AC, 50 Hz) = As per requirement            Type of release = Thermal-Magnetic            Overload protection = 0.8 – 1×In adjustable            Short-circuit protection = 6-10×In adjustable.            Current rating = As per requirement</p> <p>c) Change over Switch:            Qty. = 01 No.            Rating = 100 Amp            Type = Front operated, on load, 4 pole, 400 +15%V, 50 + 3%Hz.</p> <p>d) Motor Back-up Protection MCCB:            Qty = 2            No of poles = 3P            Current Rating = 125 A, 36 KA /As per requirement            Rated operational voltage = 415 V +15 %            Rated frequency = 50 + 3% Hz            Ambient temperature = 40C°            Ultimate S.C Breaking Cap. at (415V AC, 50 Hz) = As per requirement</p> <p>e) Submersible starters:- Fully automatic star delta/DOL starters.            Capacity = 30 HP            Power Specs = 3 Φ, 415 + 15% V, 50 + 3 % Hz.            Relay range = 30-50 A.            Coil Voltage = 380 v            Protection = single phasing , phase Reversal, phase unbalance (55 ± 5 V), Over</p>	1.00	Job	217200.00	217200.00

	<p>Voltage &amp; Under Voltage Protection Relay (02 No's. to be fitted separately for both starters,  Rated insulation voltage = 690V  Terminal capacity = 120 Sq. mm with lug Or above Conformity to standard = IS/IES 60947-4-1  Qty. = 2 No's  f) Auxiliary MCCB for Heating/Lighting:  Circuit Breaker = MCCB (Outgoing)  Qty. = 1 No.  No. of poles = 4P  Current Rating = 63 Amp.  Rated operational voltage = 415 V + 15 %  Ultimate S.C Breaking Cap. at (415V AC, 50 Hz) = As per requirement  g) Motor Protection Relay:  Digital Motor Protection Relay with LCD Display for 3-phase supply with following protections suitable for the Modular Control Panel:- one for each starter.  Protections = Thermal Overload with pre-alarm, Short Circuit, Phase Loss, Unbalance, Phase Reversal, Under Current, Over Current, Prolong Starting, Locked Rotor, Under Voltage, Over Voltage &amp; Earth Fault.  Qty. = 02 No's. (01 for each starter). (MM-10 of L&amp;T)  h) M-power module for mobile starter for submersible motor 1P/3P 3 wire,  IVRS Languages – English, Hindi,  Suitable Region- North India  The panel shall be provided with phase indicators (03 NO) and digital ammeter of range 0-60 A, digital voltmeter of range 0-500 V, and digital frequency meter (01 No for each starter). The enclosure of the panel shall be of excellent fit and finish, corrosion resistant and powder coated gliding hinges for smooth and noiseless movement of windows and advanced locking arrangements.  (Change Over/MCCB/ Make: L&amp;T/Havells/GM) &amp; Starter Make: L&amp;T</p>				
4	<p>Providing and fitting of 3-Core flat 10 square mm submersible copper cable conforming to IS: 694 (Part 1st) – 1964 &amp; IS: 694 (Part 2nd) - 1964 for Submersible Pumping Unit and other electrical Equipments. The cable connections terminal shall be fitted with copper thimbles of required size. (Make: Finolex/Havells/Polycab).</p>	50.00	Mtr	454.00	22700.00
5	<p>P/I of earthing station for 63 KVA electric substation, LT panel and stabilizer comprising of company fabricated earthing electrode as per IS: 3043. The job includes Auguring of bore of required dia/depth for installation of electrode along with backfill compound mixed with soil and all other items required thereof for achieving the best result. The job includes connecting of electric gadgets through GI strip as per relevant standards.  Safe earthing electrode size : 80 mm dia ,  Length : 2000 mm  Back fill compound : 30 kg</p>	3.00	Job	10462.00	31386.00
<b>Total in Figures:</b>		<b>427616.000</b>			
<b>Total in Words: Rupees Four Lac, Twenty-Seven Thousand, Six Hundred &amp; Sixteen Only.</b>					

  
Executive Engineer  
Jal Shakti (PCL) Mechanical Division  
South Awantipora