

No.: PHE/MDNS/DB/ 3098-3905
Dated: 23-08-2023

M/s Crescent Electrical Industries
Hari Singh High Street, Srinagar
GST No: 01AQBPR0656C1ZG
Cell No: 7006289970

Adv. Cost:	Rs 11.401 Lacs
Allotted Cost:	Rs 10.249 Lacs

Subject: Creation of electric sub-station and allied works to be carried at WSS Vijpara Shahgund Stage 1st and 2nd under JJM.

- Reference: 1. This office e-NIT No.: e-NIT No. 13 of 2023-24, S. No. 04 issued under endorsement No.: PHE/MDNS/DB/1455-60, dated: 10-06-2023.
2. Authorization awarded by Member Secretary DJJM Superintending Engineer Jal Shakti (PHE) Hydraulic Circle Baramulla/Bandipore HQ at Sopore issued vide No. SE/Hyd/DB/4897-4900, dated: 01-08-2023.

Dear Sir,

For and on behalf of Lt. Governor of J&K UT contract for execution of "Creation of electric sub-station and allied works to be carried at WSS Vijpara Shahgund stage 1st and 2nd under JJM" is hereby awarded to your firm on the quoted/negotiated rates, as per 'General Terms & Conditions' and 'Schedule of cost and quantities' annexed herewith as under:

Annexure A: General Terms & Conditions.

Annexure B: Schedule of cost and quantities.

Encl. leaves


Executive Engineer
Jal Shakti PHE Mechanical Division (North)
Sopore

Copy to the:

1. Chief Engineer Jal Shakti (PHE) Department Kashmir, Srinagar for favour of information.
2. District Development Commissioner Srinagar for favour of information.
3. Superintending Engineer Jal Shakti (PHE) Mechanical Circle (North) Srinagar, for favour information.
4. Superintending Engineer Jal Shakti (PHE) Hydraulic Circle Baramulla HQ at Sopore for favour of information.
5. Executive Engineer Jal Shakti (PHE) Division Srinagar, for favour of information.
6. Provisional Head, TPIA JJM Kashmir, (WAPCOS Limited) Corporate Office 76-C Institutional at Sector-18 Gurugram-122015 (Haryana) for favour of information.
7. Assistant Executive Engineer Jal Shakti (PHE) Mechanical Sub-Division Srinagar for information necessary action.
8. File concerned.

Annexure "B" Schedule of cost and quantities

to this office Allotment Order No: PHE/MDNS/DB/5898-37 dated: 23/8/23

of work: Creation of electric sub-station and allied works to be carried at WSS Vijpara Shahgund Stage 1st and 2nd under JJM

Item Description	Qty	Units	Rate	Amount
<p>Creation of pole mounted, outdoor type Electric Sub Station for stage 1st and 2nd by way of Supply , installation , commissioning and creation of pole mounted, outdoor type 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 Rating: 100 KVA HT Transformer, 3 phase (Level 2). 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 aluminum 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. Manufacturer's certificate be appended</p>	2	Job	209945.00	419890.00
Supply, installation, erection of 9 mtrs long H.T pole of specifications ST- 410 sp-33) for stage 1st and 2nd. The job further includes drilling of holes for installation of various accessories wherever required the job further includes	5	Job	20686.00	103430.00
1. wire earthing of pole as per REC standard.				
ement Bottoming 1:2:4 mix as per REC standards 0.5 cum/pole	9	Job	3000.00	27000.00
roviding and fitting G.I Channel /Angle/ Flat /Riser of sizes including clamps stage 1st and 2nd	400	Kg	123.00	49200.00
upply, Installation, Testing and commissioning of Polymeric Gang operated break switch, outdoor type, triple pole, suitable for vertical installation, ple break provided with locking arrangement at both ON and OFF position	2	Set	11730.00	23460.00
sisting of HT post double insulator, copper or copper alloy high pressure vy contact assembly, rod with bearings , operating handle and 2 length of m dia. GI pipe conforming to IS 1818 1961, 06 No. of insulators, rated				
ge 11KV 200A complete as per IS specs for stage 1st and 2nd				
ly, Installation, Testing and commissioning of 11KV polymer fuses Set Gap 3-phase 200 A suitable for vertical installation for stage 1st and 2 nd	2	Set	4983.00	9966.00
y, Installation, Testing and commissioning of Gapless Surge arrestor class, 10KA, 9KV, LA With polymer housing, Station Type for stage 1st	2	Set	7754.00	15508.00

and 2nd.				
Providing of bamboo ladders 18 feet long along with 15 feet long Link rods and HT Glove pair (01 No each) for stage 1st and 2nd	2	Unit	7350.00	14700.00
Painting of poles with Red oxide	5	Litre	306.00	1530.00
Painting of poles with Aluminium paint	5	Litre	510.00	2550.00
P/I of earthing station for electric substation, LT panel and stabilizer comprising of company fabricated earthing electrode as per IS: 3043 for stage 1st and 2nd	10	Job	10000.00	100000.00
P/L of ACSR conductor of size 0.05 as per the relevant IS standard for stage 1st and 2nd	500	Meter	60.00	30000.00
Supply and fitting of 11 KV polymeric composite pin insulator 12 KV, 5KN, Lighting impulse 75KV Positive, and 80 KV Negative, creepage distance 320mm for stage 1st and 2nd.	15	Set	347.00	5205.00
Providing and fitting of 3"x5/8" Galvanized nuts and bolts	40	Kg	142.00	5680.00
Providing and fitting of LT Distribution box for H.T transformer with MCCB For incomer and SFU for outgoing circuits for stage 1 st and 2 nd	2	Job	31000.00	62000.00
Providing, installation, testing and commissioning of outdoor type HT Trivecto-meter as per IEE Rule. Job includes grouting of legs in cement concrete as per site requirement. All cabling, earthing and allied accessories required to be provided by the firm. Moreover, firm responsible for completing all sealing of PDD department and testing on load and no load at site.	02	Job	135000.00	270000.00
Estimated / advertised amount:				1140119.00
Percentage quoted by L1 firm				-10.10%
Total allotted amount:				1024966.00
(Rupees Ten Lakh Twenty Four Thousand Nine Hundred and Sixty Six Only)				


 Executive Engineer
 Jyoti Shakti PHE Mechanical Division (North)
 Sopore