

No.: PHE/MDNS/DB/3795-3802

Dated: 22/08/2023

M/s Peerzada Sameer Ahsan Shah  
Shah Mohalla, Papchan, Bandipore-193502  
GST No: 01CVZPA3223M1ZJ  
Cell No: 7006002047

Adv. Cost:	Rs 6.615 Lacs
Allotted Cost:	Rs 5.628 Lacs

Subject: Creation of 25 KVA Sub-Station along with HT/LT network for rapid sand Filtration at Gamroo Vihara Bandipora Under JJM.

- Reference:
1. This office e-NIT No.: e-NIT No. 16 of 2023-24, S. No. 11 issued under endorsement No.: PHE/MDNS/DB/1619-24, dated: 17-06-2023.
  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.

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Dear Sir,

For and on behalf of Lt. Governor of J&K UT contract for execution of "Creation of 25 KVA Sub-Station along with HT/LT network for rapid sand Filtration at Gamroo Vihara Bandipora 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 Badepur, for favour of information.
  3. Superintending Engineer Jal Shakti (PHE) Mechanical Circle (North) Srinagar, for favour of information.
  4. Superintending Engineer Jal Shakti (PHE) Hydraulic Circle Ale HQ at Sopore, for favour of information.
  5. Executive Engineer Jal Shakti (PHE) Division Sopore, for favour of information.
  6. Provisional Head, TPIA JJM Kashmir, (WAPCOS Limited) Corporate Office 76-C Institutional area Sector-18 Gurugram-122015 (Haryana) for favour of information.
  7. Assistant Executive Engineer Jal Shakti (PHE) Mechanical Sub-Division Sopore for information necessary action.
- File concerned.



## Schedule of cost and quantities

to this office Allotment Order No: PHE/MDNS/DB/3795 2007, dated: 28/8/2023

Name of work:

Creation of 25 KVA Sub-Station along with HT/LT network for rapid sand Filtration at Gamroo Vihara Bandipora Under JJM

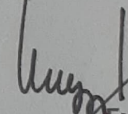
S No	Item of work	Unit	Total Qty	Rate (In Rs)	Amount (In Rs)
1	<p>Creation of pole mounted, outdoor type Electric Sub Station for rapid sand Filtration at Gamroo Vihara Bandipora by way of Supply, installation, commissioning and creation of pole mounted, outdoor type Electric Sub Station as per the technical specifications given here under - Specifications conforming to IS: 1180 (Part 1) 2014 with latest amendments.</p> <p>Type: HT/LT Transformer            Rating: 25 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.</p>	job	1	74442.00	74442.00
2	Supply, installation, erection of 9 mtrs long H.T pole of specifications ST- 410 (sp-33) . The job further includes drilling of holes for installation of various accessories .wherever required. The job further includes G.I wire for earthing of pole as per REC standard.	Nos	10	20686.00	206,860.00
3	Supply, laying of Cement Bottoming 1:2:4 mix as per REC standards 0.5 cum/pole	Job	10	3000.00	30,000.00
4	Supply and installation of G.I V cross with top Bracket including clamps	Kgs	175	202.00	35,350.00
5	Supply, Installation, Testing and commissioning of Polymeric Gang operated Air break switch, outdoor type, triple pole, suitable for vertical installation, single break provided with locking arrangement at both ON and OFF position consisting of HT post double insulator, copper or copper alloy high pressure heavy contact assembly, rod with bearings , operating handle and 2 length of 32mm dia. GI pipe conforming to IS 1818 1961, 06 No. of insulators, rated voltage 11KV 200A complete as per IS specifications.	Job	1	11730.00	11,730.00



6	Supply and fitting of 11 KV polymeric composite pin insulator 12 KV, 5KN, Lighting impulse 75KV Positive, and 80 KV Negative , creepage distance 320 mm	Nos	30	347.00	10,410.00
7	Providing and fitting of 11KV Drop Out fuse set suitable for vertical installation.	Set	1	5000.00	5,000.00
8	Providing and fitting of Galvanized nuts and bolts.	Kgs	15	142.00	2,130.00
9	Providing and fitting of Danger plate with clamps	Nos	10	153.00	1,530.00
10	Providing and fixing G.I Barbed wire for anti-climbing/ anti-climbing devices(1kg/pole)	kgs	10	136.00	1,360.00
11	Providing and fitting of GI Pipe 40 mm or GI Rod 20 mm 2.5 mtr long through GI Strip for complete Earthing of pole.	Nos	10	2437.00	24,370.00
12	Providing and painting Red Oxide coating to HT/LT Poles	Liter	10	306.00	3,060.00
13	Providing and painting Aluminum Paint coating to HT/LT poles	Liter	10	510.00	5,100.00
14	Providing and laying of Stone pad (300mm x300mm x75mm) at the bottom of the HT/LT poles	Nos	10	232.00	2,320.00
15	Providing and laying of Parallel Grove (PG) Clamps fo 50 sqmm ACSR conductor	Nos	30	421.00	12,630.00
16	P/L of ACSR conductor of size 0.05 (50sqmm) as per the relevant IS standard	Meter	600	60.00	36,000.00
17	Providing and fitting G.I Channel /Angle/ Flat /Riser of sizes including clamps	Kgs	180	123.00	22,140.00
18	Providing and fitting of 11 Kva GO, AB Switch 3 Phase, 3 Pole, 200 A, Vertical Type	Set	2	11388.00	22,776.00
19	11 kV polymeric composite Disc Insulator 12 kV, Min failing load 45kN, Lighting Impulse 75kV Positive and 80 kV Negative, creepage distance 320mm	Nos	6	340.00	2,040.00
20	Supply, Installation, Testing and commissioning of Gapless Surge arrester station class, 10KA, 9KV, LA With polymer housing, Station Type	No	1	7754.00	7,754.00
21	P/F of 11 KV cable termination kit for connecting 50 Sq mm XLPE cable (ABC type) with the existing HT line near tapping point and HT transformer.	Set	1	8994.00	8,994.00
22	Earthing of substation- P/I of earthing station for electric substation, 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 : 65/80 mm dia (As specified), Length : 2000 mm	Nos	1	10462.00	10,462.00
23	Providing and fitting of LT Distribution Box for 100 kVa DTR with 4 pole MCCB for incomer & SFU's for Outgoing circuits	Nos	1	28118.00	28,118.00
24	Galvanised stay set with 50x8mm stay clam, guy insulators(2No's), anchor plate (200x200x6mm), nuts and bolts, 2 Nos; turn-buckles, 1.8m long, 16mm dia meter solid GS stay rod & 7/3.15 mm dia GI Stranded wire complete	Set	4	2569.00	10,276.00



10-410.00	Providing and fitting of Wedge connectors / PG Clamps	Nos	6	297.00	1,782.00
26	Providing, installation, testing and commissioning of outdoor type HT Prodigy-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.	Nos	1	35000.00	35,000.00
27	Providing and fitting of Sundry items like Alumunium Lugs, Jumpers, binding Tape as per requirement	LS	1	1052.00	1,052.00
28	Providing/Laying of 35 sq mm AB(HT) Cable (3x35+1x70 Sqmm) XLPE (11 kV, 3C+Earth)	m	30	794.00	23,820.00
29	Providing and fitting of Heat Shrinkable Outdoor cable termination Kit	Nos	2	8732.00	17,464.00
30	Providing and Fitting of 35 sqmm 3.5 core LT 1.1 KV, XLPE Armoured Aluminium Cable conforming to IS: 7089 part 1st as service line from the HT transformer/ to control panel. Cost includes laying of cable in trenches in Pvc conduit where ever it is to be laid underground as per site requirement including termination of ends with suitable Aluminum tube terminals dully crimped & taped. The job including necessary thimbling, crimping, taping etc.	M	20	380.00	7,600.00
<b>Estimated / advertised amount:</b>					<b>661570.00</b>
<b>Percentage quoted by L1 firm:</b>					<b>-14.92%</b>
<b>Total allotted amount:</b>					<b>562863.00</b>
<b>(Rupees Five Lakh Sixty Two Thousand Eight Hundred and Sixty Three Only)</b>					

  
 Executive Engineer  
 Jal Shakti PHE Mechanical Division (North)  
 Sopore