

No.: PHE/MDNS/DB/3176-03
Dated: 28-07-2023

M/s Buhroo Mechanical Pvt. Ltd.
Azad Gunj Baramulla
GST No: 01AAKCB6235H1ZY
Cell No: 7006302261

| | |
|----------------|----------------|
| Adv. Cost: | Rs 32.042 Lacs |
| Allotted Cost: | Rs 25.345 Lacs |

Subject: Laying and fitting of departmental rising main at WSS Gulgam Tangwari under JJM.

- Reference:**
1. This office e-NIT No.: e-NIT No. 08 of 2021-22, S. No. 05 issued under endorsement No.: PHE/MDNS/DB/1056-61, dated: 24-05-2023.
 2. Authorization awarded by District Development Commissioner, Kupwara through Minutes of Meeting issued vide No. DDCK/Plg/JJM/2744-67, dated: 17-07-2023.

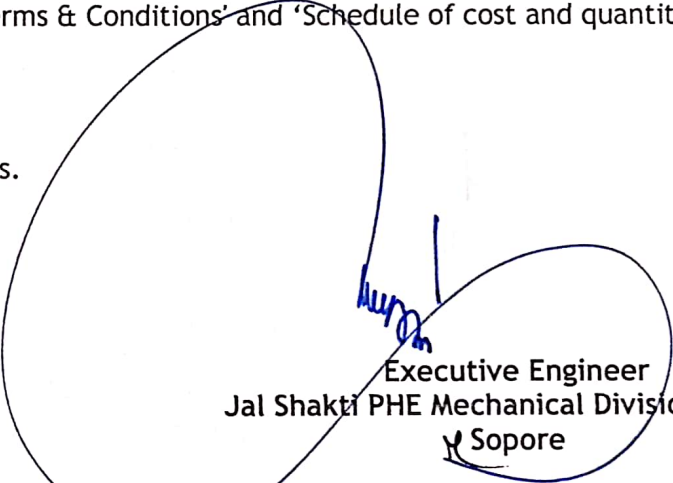
Dear Sir,

For and on behalf of Lt. Governor of J&K U.T contract for execution of "Laying and fitting of departmental rising main at WSS Gulgam Tangwari 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 Kupwara, 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 Kupwara HQ at Had, for favour of information.
5. Executive Engineer Jal Shakti (PHE) Division Had, 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 Had -for information & necessary action.
8. File concerned.

Annexure "B" Schedule of cost and quantities
to this office Allotment Order No: PHE/MDNS/DB/513103 dated: 28-07-2025

Name of work: **Laying and fitting of departmental rising main at W55 Gulgam Tangwari under JFM**

| S. No. | Item Description | Qty | Units | Rate | Amount |
|--------|---|------|-------|--------|------------|
| 1. | Earth work excavation for rising main and allied works by mechanical (hydraulic excavator) means in trenches for foundation, drains, pipes, cables (not exceeding 1.5 m in width) and for shafts, wells, cesspits, gravel pack cum holding mechanism etc. and the like not exceeding 10 Sq m on plan, including dressing of sides and reaming of bottom lift up to 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed. Under road way a minimum clear cover of 1.5m is to be provided, same can be modified to suit local conditions. All kinds of soil. | 750 | Cum | 256.85 | 192637.50 |
| 2. | Earth work excavation for rising main and allied works by manual means in trenches for foundation, drains, pipes, cables (not exceeding 1.5 m in width) and for shafts, wells, cesspits, gravel pack cum holding mechanism etc. and the like not exceeding 10 Sq m on plan, including dressing of sides and reaming of bottom lift up to 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed. All kinds of soil. | 200 | Cum | 479.30 | 95860.00 |
| 3. | Backfilling of the excavated earth in trenches in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 metres. | 855 | Cum | 219.00 | 187245.00 |
| 4. | Fabrication, providing and fitting of 22 mm thick MS table 7 flanges to above GI pipes of dia 150 mm as per requirement includes Welding of flanges in two layers welding of pipes circumferentially in V- groove penetrating through the thickness of flanges. The welding shall be carried out with standard make IS marked electrodes, welding should be smooth & leak proof by shifting of DG set, welding machine, gas cutter with all other allied tools required. | 50 | No. | 950 | 47500.00 |
| 5. | Laying of departmental 150 mm Diameter medium class GI rising main each having a length approx. 6 meters stored in the premises of W55 Drugmulla old 20 KM away from the site of work. The job includes clearing the site of around the pipes, dragging the pipes up to the loading site, loading in to carrier carriage up to site, unloading at site. These pipes to be laid mostly underground in excavated trenches and Above Ground over saddle blocks (where ever required) as per site requirement from Dug well at Gushi Bridge to PST at Tangwari for a total length of 4500 meters. Pipes are to be carried through head load and placed along the alignment. Excavation necessary at pipe joints shell have to be done in order to weld the lower and side portion of the pipe. The excavated material from the pipe joint pits is to be refilled / rammed after lying of pipes and spread uniformly over the excavated pits. The pipes mostly are to be joined together with welded joints and welded flanges (wherever required). All the tools, tackles and equipment's such as crane/tripod stands, lifting pulling machines, welding machines, diesel power generators etc. required for handling/laying /joining and any other activity for completion of job, shell have to be arranged by the successful tenderer/firm. The entire job shell has to be executed using skilled labours. C. Type of welding The departmental pipes are to be joined by continuous butt welding in at least two runs on external surface of the pipes to the socket of 180 mm dia to be used from MS/GI pipes of length approximate 6 inches and | 4500 | Meter | 340 | 1530000.00 |

welded on both sides with 150 mm dia pipes to make the joint leak proof. Job includes cutting of the screwed portion of the pipe. Before welding proper V groove is to be made by grinding the edges of pipe and socket by portable grinder in order to accommodate the welding material to make the joint strong. The welding area shall be chipped properly and the flux removed to ensure crack free/ leak proof joints under full working pressure.

. Terms and conditions.

I. Performance guarantee/warranty

The contractor/ firm shall be bound for a period of 01 Year from the date of commissioning of the rising main for its satisfactory performance against any leakage in the pipes due to bad workmanship.

The contractor/firm shall furnish such guarantee on a non-judicial paper.

If during guarantee period any defect like crack in welding or any other defect is observed, the contractor/firm shall have to set right the same within a period of three days on receipt of intimation from the department. In case of any failure on part of the contractor to set right the defect (s), the department shall get the same set right/repaired through any other agency and the cost thereof shall be recovered from the contractor/firm.

The firm shall carry out pressure testing of the laid Rising Main for a period of 24 hours at minimum 7 bars.

II. Watch and ward/Insurance


The contractor shall insure all the equipment's and their staff in their own interest. The department shall have no responsibility in case of any loss, theft, damage, fire etc. or any other calamity. The contractor firm shall also arrange their own watch and ward at site of work for their own equipment and the departmental equipment supplied for execution of work.

II. Arrangements of power/electricity

There is no grid power supply available at site. As such the contractor firm shall have to make arrangements of electricity and for this purpose portable diesel generating set shall have to be arranged by the contractor/firm at their own cost. The department shall have no liability on this account.

| | | | | | |
|----|---|-------|-------|----------|-----------|
| 6. | Providing of GI/MS of dia 180 mm of thickness 6.3 mm to be used as sockets for end to end welding of the 150 mm GI Pipes. | 66 | Meter | 3300 | 217800.00 |
| 7. | Cutting of hot dip galvanized G.I, B-Class pipe across the section by dint of pipe cutter/ gas cutter. The job also includes Providing and welding of M.S flanges to the two ends of pipe. The Thickness of flange shall conform to IS 6392 Part 1st Table-17. The flange welding shall be carried out in double layers to form strong welding joint by dint of DC arc welding. The job further includes Providing and Fitting of nuts and bolts (conforming to IS:1363 Part 1st) and Rubber Insertion Gaskets.(for dismantling joints) Nominal Dia - 150 mm | 48.00 | Job | 2059.00 | 98832.00 |
| 8. | Fabrication, Providing and fitting of 90-120 degree bend /elbow with flanges, fabricated out of Class B GI pipe of length as per site requirement and flanged on both ends. The flanges shall be M.S Flanges conforming to BIS 6392/1997 Table 17 (Rating PN16) and welded on both sides. The job includes nuts, bolts, gaskets etc as per site requirement. Nominal Dia -150 mm | 50.00 | Job | 5728.00 | 286400.00 |
| 9. | Providing and fitting of, Ductile Iron double flanged, non-rising spindle soft seated glandless gate/ sluice valves 150 mm as per IS14846 for regulating the water supply outside the pumping units. The body and bonnet of the valve shall be of ductile iron, wedge with fully vulcanized | 2.00 | Job | 25977.00 | 51954.00 |

| | | | | | |
|---|--|-------|-----|----------|-------------------|
| | EPDM rubber (Approved for drinking water) and NBR seal. The Gate/Sluice valve shall be compatible for buried applications and shall be safe to install in both horizontal and vertical positions It shall have electrostatic epoxy coating (approved for drinking water) both inside and outside of the valve. The valve shall be supplied along with hand wheel. Cost on account of Nuts, bolts, gaskets, etc required for the job is included in the scope of work. The job includes providing and fitting of 02 nos. M.S flanges perfectly adaptable to the inbuilt flanges of the valve which shall be fitted with rising main of the pumping unit at appropriate spots as per site requirement. The job includes the cost on account of P/F of nuts, bolts and gasket required for the job. | | | | |
| 10. | Providing and fitting of Ductile Iron double flanged, Slanted seat swing check valve(NRV) 150 mm as per IS 5312. The body shall be of ductile cast iron with fully encapsulated vulcanized EPDM rubber (Approved for drinking water). The valve shall be compatible for buried applications and shall be safe to install in both horizontal and vertical positions. It shall have electrostatic epoxy coating (approved for drinking water) both inside and outside of the valve. Cost on account of Nuts, bolts, gaskets, etc required for the job is included in the scope of work. The job includes providing and fitting of 02 nos. M.S flanges perfectly adaptable to the inbuilt flanges of the valve which shall be fitted with Rising main of the pumping unit at appropriate spots as per site requirement. The job includes the cost on account of P/F of nuts, bolts and gasket required for the job. | 16.00 | Job | 31000.00 | 496000.00 |
| Estimated / advertised amount: | | | | | 3204228.50 |
| Percentage quoted by L1 firm {-20.9%}: | | | | | 669683.76 |
| Total allotted amount: | | | | | 2534544.00 |
| (Rupees Twenty Five Lakhs Thirty Four Thousand Five Hundred and Forty Four Only) | | | | | |


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Jal Shakti (PHE) Mechanical Division (North)
Sopore