

Government of Jammu & Kashmir
Office of the Executive Engineer, Jal Shakti (PHE) Mechanical Division (North) Sopore
Website: phekashmir.com Email ID : phe.mdns@gmail.com

No.: PHE/MDNS/DB/
Dated:

3819-28
22-08-2023

Adv. Cost:	Rs 30.025 Lacs
Allotted Cost:	Rs 20.627 Lacs

M/s New Ahanger Engineering Works
Parimpora, Srinagar
GST No: 01AKBPA3094R1Z8
Cell No: 7006819625

Subject: Handling, laying and joining by welding of departmental GI prefabricated 100mm diameter Medium Class GI Rising Mains from Stage 1st to PST and Stage 2nd to OHT of WSS Vijpara Shahgund under JJM.

- Reference:**
1. This office e-NIT No.: e-NIT No. 13 of 2023-24, S. No. 06 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 "**Handling, laying and joining by welding of departmental GI prefabricated 100mm diameter Medium Class GI Rising Mains from Stage 1st to PST and Stage 2nd to OHT of WSS Vijpara Shahgund under JJM**" is here 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.

incl. 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 Baramulla, 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 Baramulla 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 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.

Annexure "B" Schedule of cost and quantities

to this office Allotment Order No: PHE/MDNS/DB/3019-18 dated: 22/8/2018

5) Sopre of work: Handling, laying and joining by welding of departmental GI prefabricated 100mm diameter Medium Class GI Rising Mains from Stage 1st to PST and stage 2nd to OHT of WSS Vijpara Shahgund und JJM

No.	Particulars	Qty.	Rate (Rs)	Amount RS
A.	Scope of work Above ground on saddle blocks (wherever required)/ underground laying (Earth work in excavation in trenches for foundations, drains, pipes, etc. (not exceeding 1.5 m in width), including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 meters. All kinds of soil. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. Layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering lead upto 50m and lift upto 1.5m) in excavated trench of departmental GI prefabricated, 100mm Diameter medium class GI rising main. The scope of work includes loading, unloading and carriage of pipes from QC&PD store Srinagar up to site of work and lying along the alignment from Stage 1 st to PST WSS Vijpara to a total length of 3900 meters. The excavation and refilling of pit, required at spots where excavation of welding of pipes lengths on circumferential joints of the pipes, is included in the scope of work. The departmental pipes shall be joined together by welded joints and flanged joints wherever required.			
B.	Details of work: Laying of departmental GI prefabricated 100mm Diameter medium class GI rising main each having a length approx. 6 meters stored in the premises of QC&PD store Srinagar 30 kms away from the site of work. The job includes clearing the site of vegetation 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 (Min 1.5 feet below the ground) in excavated trenches and Above Ground over saddle blocks (where ever required) as per site requirement from Stage 1 st to PST WSS Vijpara to a total length of 3900 meters. Pipes are to be carried through head load and placed along the alignment. Excavation necessary at pipe joints shall 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, shall have to be arranged by the successful tenderer/firm. The entire job shall have to be executed using skilled labours.	3900 Meter	700/mtr	27300
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. Before welding proper V groove is to be made by grinding the edges of pipes 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. Quality product electrodes of Phillips/Oerlikon Advani/ESSAB make only shall be used for welding.			
D.	Offset and bends: While laying the pipes along the fixed alignment, offset / bends required for change of alignment shall be fabricated out of the departmental pipe ferrules and no extra rate shall be allowed for the same. The entire machinery and labours required to execute the job in full shall have to be arranged by the contractor.			
E.	Laying and fitting of pipes Joining by welding and laying of departmental GI prefabricated, 100mm Diameter medium class GI pipe each having a length approx. 6 meters from Stage 1 st to PST WSS Vijpara to a total length of 3900 meters including all bends/ offsets.			

Total length of GI pipe = 3900 meters			
F. 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.			
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.			
III. 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.			
Note: The cost of Macadamize road repair (where ever required) is to be paid to the R&B department from overall DPR through civil counterpart is not in the scope, which is to be done through civil counterpart.			
Sluice Valve, NRV's, Dismantling Joints, Double Acting Air Release Valves,			
I	Providing, fitting and testing of approved quality 100mm dia. sluice valve (01 No), along with 100mm dia. dismantling joint (01 Nos) in the GI Rising Mains at the required location as per the directions of site Engineer. The dismantling joint is to be installed with the sluice valve with the help of flanges including all welding charges, cost of nuts /bolts, rubber washer, testing of joints.	03 Job	35000/job 105000.00
II	Providing, fitting and testing of approved quality 100mm dia. NRVs (01 Nos), along with 100mm dia. dismantling joints (01 Nos) in the GI Rising Mains at the required locations as per the directions of site Engineer. The dismantling joints are to be fitted with the Non Return valves with the help of flanges including all welding charges, cost of nuts /bolts, rubber washer, testing of joints.	03 Job	39000/job 117000.00
III	Providing, fitting and testing of approved quality 50mm dia. CI Double Acting Air Release Valves (01 Nos) in the GI Rising Mains at the required locations as per the directions of site Engineer including all welding charges, cost of nuts /bolts, rubber washer, testing of joints.	03 Job	14500/job 43500.00
IV	Providing, fitting and testing of approved quality 100mm dia. Enclosed Type Water Meter (Bulk Type) (01 Nos) in the GI Rising Mains at the required locations as per the directions of site Engineer including all welding charges, cost of nuts /bolts, rubber washer, testing of joints.	01 Job	7000/job 7000.00
Estimated / advertised amount:			3002500.00
Percentage quoted by L1 firm			-31.30%
Total allotted amount:			2062717.00
(Rupees Twenty Lakh Sixty Two Thousand Seven Hundred and Seventeen Only)			


 Executive Engineer
 Jai Shakti PHE Mechanical Division (North)
 Sopore