

**OFFICE OF THE  
EXECUTIVE ENGINEER PHE (HYD) DIVISION BANDIPORE**

Order No. 55 PHE/HYD/BPR/2022-23 Dated 21/12/2022

**"Laying / Fitting of pipe network, construction of crate protection works at head site & Anchor/ saddle blocks for WSS Bilal colony guzarbal Under JJM"**

Adv. Cost :-41.05 lacs  
Allotted Cost :- 3407470.00

S. No	Particulars	Qty.	Unit	Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, 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: All kinds of soil	1836.10	Cum	361.88	664447.87
1.1	Ordinary Rock	760.50	Cum	803.3155	610921.44
2	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/by mechanical means including stacking of pipes within 50 meters lead as per direction of Engineer-in-charge : 15 mm to 40 mm nominal bore	640.00	mtr	82.7925	52987.20
2.1	Above 40 mm nominal bore	550.00	mtr	91.8395	50511.73
3	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work:- 50mm dia G.I pipe	1150.00	mtr	33.864	38943.60
3.1	40mm dia G.I pipe	3100.00	mtr	33.864	104978.40
3.2	25mm dia G.I pipe	5180.00	mtr	25.4395	131776.61
3.3	20mm dia G.I pipe	5210.00	mtr	16.8075	87567.08
3.4	15mm dia G.I pipe	3000.00	mtr	16.8075	50422.50
4	Providing and fixing of 12mm thick M.S flanges G.I pipe incld. Cost of flanges, rubber gaskets, nuts bolts, welding charges cutting of threads excld. Earth work and refilling: 65mm dia	342.00	joints	664	227088.00
5	Providing and fixing C.I. double acting air valve of approved quality with bolts, nuts, rubber insertions incld. Tailpieces ,tapers, Gi pipe etc. complete 50mm dia	11.00	No	8300	91300.00
5.1	25mm dia	9.00	No	5810	52290.00
6	Providing and fixing of CI sluice valve with cap including all accessories like nuts, bolts rubber insertion etc and tail pieces of Kirloskar make including successful testing and commissioning. 65 mm dia	5.00	No	20750	103750.00
7	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore	162.00	Nos	552.9875	89583.98
7.1	50 to 80 mm nominal bore	50.00	Nos	1053.0625	52653.13
8	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) 50 mm nominal bore	8.00	No	1660	13280.00
8.1	65 mm nominal bore	10.00	No	2075	20750.00
9	Constructing masonry Chamber of specified size, in brick work with common burnt clay (non modular) bricks of class designation 7.5 incement mortar 1:4 (1 cement :4 coarse sand) and R.C.C. top slab 1:1.5:3mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mmmnominal size ) including necessary xcavation, foundation concrete1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mmmnominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design. For sluice valve, with C.I. surface box 100 mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid. Chamber 120x120x100 cm	1.00	No	17814.166	17814.17
10	Dumping stone including cost of stones. in Horizontal on level	67.35	Cum	511.612	34457.07
11	Hand-packing stones in wire-crates; including cost of stones butexcluding cost of crates	58.32	Cum	612.0835	35696.71

Head Draftsman

cont. 2<sup>nd</sup>

Executive Engineer

p-2<sup>m</sup>  
**"Laying / Fitting of pipe network, construction of crate protection works at head site & Anchor/ saddle blocks for WSS Bilal colony guzarbal Under JJM"**

available excavated earth (excluding rock) in  
 the, plinth, sides of foundations etc. 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 m

13	Providing & laying stone soling in horizontal on level.	2881.50	Cum	164.921	475219.86
	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	2.57	Cum	677.612	1741.46
14	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more	2.57	Cum	4035.3272	10370.79
15	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations, footings, bases of columns etc. for mass concrete.	618.80	kg	72.3594	44776.00
16	12mm Cement plaster of mix: 1 : 4 ( 1 cement : 4 fine sand)	159.80	sqm	217.709	34789.90
17	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level: 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	122.40	sqm	215.8415	26419.00
18	Providing and fixing of nuts ,bolts and chips incld one end fix to anchor block	15.47	Cum	5792.3044	89606.95
19	Supply of crate mesh	105.00	kg	65.7775	6906.64
20	Welding, including transportation of plant at site etc. complete By electric plant	2726.64	sft	17.43	47525.34
21	Carraige of materials from source to road site of work including loading , unloading and stacking:-- Stone / stone soling for an av lead of 18 km	4200.00	cm	5.1045	21438.90
22	40mm aggregate for an av lead of 48 km	128.24	Cum	369.0844	47331.38
22.1	20mm aggregate for an av lead of 48 km	2.31	Cum	613.9178	1418.15
22.2	sand for an av lead of 33km	13.92	Cum	564.815	7862.22
22.3	Pipes for an av lead of 15km	11.79	Cum	564.815	6659.17
22.4	cement for an av lead of 15 km	41.52	MT	252.0295	10464.26
22.5	steel for an av lead of 15 km	12.08	MT	252.0295	3044.52
22.6	wire Crates for an av lead of 15 Km	0.72	MT	252.0295	181.46
22.7	Carraige of materials from road site to site of work by manual labour including loading , unloading and stacking for an av lead of 100 Mtrs. Stone / stone soling	0.59	MT	756.0221	446.05
23	40mm aggregate	128.24	Cum	217.0284	27831.72
23.1	20mm aggregate	2.31	Cum	199.4324	460.69
23.2	sand	13.92	Cum	184.4758	2567.90
23.3	pipes	11.79	Cum	184.4758	2174.97
23.4	Cement	41.52	MT	126.8406	5266.42
23.5	Steel	12.08	MT	126.8406	1532.23
23.6	Wire crates	0.72	MT	216.0988	155.59
23.7		0.59	Cum	100.6126	59.36
	<b>TOTAL</b>				<b>3407470.00</b>

**(Rupees Thirty Four Lac Seven Thousand Four Hundred Seventy only)**

*[Signature]*

Head Draftsman

*[Signature]*

Executive Engineer  
 PHE (Hyd) Division  
 Bandipora

## ANNEXURE "B"

cks for WSS Bilal Colony Guzerbal  
Fitting of pipe network, construction of crate protection works at head site and anchor/ saddle

### TERMS AND CONDITIONS

01. The work shall be executed strictly as per approved design / drawing, specifications and JJM Guidelines. Any deviation or change in proposal/location is subject to the prior approval from the competent authority.
02. The rates allotted are inclusive of all taxes applicable as per norms amended by competent authorities from time to time. Labour cess and royalties shall have to be borne by the executing agency/contractor.
03. The execution of work shall be subject to check by the third party monitoring agency (TPIQA) appointed by the Department
04. No liability should be created on this account.
05. This letter of allotment will constitute a legal contract between the government and the contractor and the conditions as laid down in the master NIT for 2022-2023 and PWD Form No. 25 (Double) will also hold good even before the drawl of an agreement between the Government and the contractor.
06. That the date of start of the work shall be reckoned within two days from the date of issue of Letter of Intent issued vide this office No PHE/Hyd/Bpr/JJM/3109-22 dated 21/07/2022 and in case of delay on the part of the contractor in execution of the work within stipulated time of completion a penalty upto 10% of contract value shall be imposed upon him.
07. The total amount of work should not exceed Rs.34,07,470.00 in any case.
08. The contractor has deposited 3% Performance Security amounts to Rs.1,02,230.00 bearing No. 230880 dated 03/12/2022 in shape of earnest money (CDR) through Baramulla Central Cooperative Bank Bandipore and which has been retained in the divisional office and shall be released after the successful completion/ commissioning of work and after observing DLP period is over.
09. In case the contractor fails to execute the work, the work shall be put to fresh tenders on the risk and cost of the contractor & the excess cost if involved shall be recovered from the contractor and strict action as warranted under contractual obligation shall be taken against the defaulter
10. The time of completion of the work is reckoned 90 Days (Ninety Days) as per the condition laid down in the e-NIT.
11. The firm shall be bound for satisfactory performance of works for 18 months after the successful commissioning of subject work. If during warranty period any malfunctioning/ defects arise, 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 removed/ repaired 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 the contract including blacklisting
12. After testing and commissioning of work, the bidder will have to make a trial run of the work for a period of 03 months during which the bidder will have to operate and maintain the executed work to the full satisfaction of the Department
13. The defects Liability period shall be for a period of 12 Months which shall commence after the successful completion of Trial run. The bidder shall be responsible to make good & remedy at his own expense any defect in works which is noticed during the DLP. In case any defect remains unattended by the firm at the completion of DLP, the department may extend the DLP for such time as deemed fit for getting the defect rectified subject to a maximum ceiling of 6 Months
14. In the event of allottee failing, declining, neglecting or delaying the supplies / works or in the event of any damage occurring or being caused by the allottee or in the event of any default or failure by the allottee in complying with any of the

and conditions of the contract, the Department shall with or without recourse 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

15. Any failure or commission to carry out the provision of the contract shall not give rise to any claim by the department or bidder one against the other if such failure of commission arises from the 'ACT OF GOD' which shall include all natural calamities such as fires, floods, earthquake, hurricane, strikes, riots, embargoes or from any political or other reasons beyond the control of the parties including war, or a state of insurgency
16. In the event of the death or insanity or insolvency or imprisonment of the bidder or where the bidder being a partnership or firm becomes dissolved or being corporation goes into liquidation, voluntary or otherwise, the contract may, in the option of the Engineer-in-charge, be terminated by notice in writing posted at the site of the works
17. The bidder should ensure the safety of the water supply lines, sewer lines, telephone cables, power cables, storm water drains etc., pipe laying alignment and, if any damage occurs during execution it should be attended immediately at the cost of the bidder. Failing to attend immediately, the same will be got done by the Department at the risk and cost of the allottee
18. All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract are the responsibility of the Bidder
19. **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
20. From the commencement of the work to the completion thereof the same shall be under the bidder's charge. The bidder shall be held responsible for and make good any loss or injuries by fire or other causes / theft and shall hold the Government harmless for any claims for injuries to persons or damage to property happening from any neglect, default, want of proper care and misconduct on the part of the bidder, or any of his employees, during the execution of work. The bidder shall be responsible for the compensation if any, to labour under the existing labour laws of the country
21. The bidder shall make his own arrangements for the engagement of all types of the labour, required for the execution of the job. No workman below the age of 18 years shall be employed on the works. Also the bidder shall comply with the provisions of all labour laws and the rules framed there under
22. 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

bidder shall in connection with the work provide and maintain at his own cost all signs, 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. The bidder/firm shall make his own arrangement, at his own cost, for all lines, individual power points, etc. to the machinery and plant required by him for the erection, testing and commissioning of the equipment ordered on him. The bidder shall pay for all electrical energy consumed by him for this purpose at the prevalent electricity tariff in J&K State. Such charges shall be paid by the bidder/firm directly to the Power Corporation and the bidder's final bill shall be settled only after he gets a no outstanding certificate from the concerned Electric Division.

The Division shall not be responsible, and the bidder shall have no claim whatsoever for any interruption in power supply or voltage fluctuation or total cut off at the site. The bidder/firm must provide an alternative source of power, at his own cost, at the site for completion of the work. The bidder shall make his own arrangements for water to be used for the execution/Hydro-testing/ water tightness Test/ Curing, labour colony, Site Office etc

25. Forfeit the performance security and blacklist the firm
26. Geo Tagged Photographic evidences of the work; pre-execution, during execution and post execution should be maintained by the agency on his own expenses
27. The executing agency/contractor must execute the work as per the requirements/specifications detailed in the relevant/applicable IS codes
28. The tests for concrete and allied materials shall have to be carried out at reputed institute as per directions of Engineer in-charge and the charges for the same shall have to be borne by the executing agency/contractor
29. All Environmental norms, labour laws and all other guidelines issued by competent authorities shall be followed in letter and spirit
30. The payment of work shall be made as and when the funds are available to the tune within available provision of DPR by the competent authority under the proper scheme/ account head.
31. As soon as letter of award is communicated to the firm, the contract shall be complete and binding upon them, the bidder/firm shall also be required to execute an agreement with the competent authority within seven days from the date of issue of letter of award. Failure to execute such an agreement in time shall not however, prevent this contract from being enforced against the firm and the date of delivery of the material/completion of works shall be reckoned from the date of issue of the letter of award in favour of successful firm.
32. Nothing shall be paid to the contractor on account of dewatering/ diversion even if involved at site of work.
33. If the Contractor have not start the work within 15 days of issuance of this letter of intent, the contract shall be cancelled at the risk and cost of contractor without serving any notice. The Assistant Ex. Engineer concerned shall intimate this office regarding the same.
34. All other terms and conditions as laid down in Master E-NIT, Tender documents and PWD form 25 shall remain in force.



Technical Officer



Executive Engineer  
PHE (Hyd) Division  
Bandipore