

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

Kokernag

JJM

M/S MUSHTAQ AHMAD Najar	No/PHB: <i>3011-16</i>
S/O Gh Qadir Najar	Dated: <i>29-05-2023</i>
R/O New Colony Bijbehara	GST. No:-01AGIPN62471C

Regd No: CE/I&FC/Sgr/01/AA/Civil and sanitary 2020-21

Estimated to 84.53

Tender ID: 2023 PHE 205909_3

Adv. Cost Rs: 83.08 Lacs **cost of L1 Rs:86.40 Lacs**

Subject:- Construction of 0.18 lac Gallons SR, 0.18 lac Gallons Sump, 02 NO Sluice valve chambers, Protection work, Chain link fencing around various structures and Laying Fitting of Supply main, Sub main and Distribution system for WSS NARSANGRI Kachwan under JJM

Reference

1. Your tender received in response to this office Fresh e-NIT No. 86 OF 2022-23 No: PHEB: 17235-55 Dated: 22.02.2023

2-4.DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3858-60 Dated: 30.07.2022 , No/DDCA/DJJM/9413 Dt: 04.11.22 and No/DDCA/JJM/12613 Dated:03.02.2023

05. Superintending Engineer Hyd.Circle Anantnag's Authrozation Letter No:SE/Hyd/4590 Dated: 03.08.2022

For & on behalf of Lt. Governor of J&K (UT), contract for above noted work is hereby fixed with you on the following quoted rates :-

Sl.No	Description of Work / Item(s)	Qty	Units	Estimated Rate	Amount
1	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge.				
2	All kinds of soil	452.89	Cum	539.35	244266
3	Ordinary Rock	197.83	Cum	855.65	169273
4	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 (1 meter from cutting edge)				
5	All kinds of soil	1635	Cum	436.00	712860
6	Providing and laying of dry stone solling tightly hand packed on horizontal levels.	58.19	Cum	616.40	35868
7	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:				
8	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	39.31	Cum	4861.62	191110
9	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	331.91	Cum	5437.74	1804840
10	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				
11	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	21.64	Cum	7800.76	168808
12	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	8.42	Cum	6978.68	58760
13	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.				
14	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	37.08	Cum	9408.14	348854

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	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with				
16	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	4.26	Cum	9849.35	41958
17	Reinforced cement concrete work in arches, archribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	5.2	Cum	10404.10	54101
18	Centering and shuttering including strutting, propping etc. and removal of form for:				
19	Foundations, footings, bases of columns etc. for mass concrete.	824.72	Sqm	262.30	216324
20	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc	575.46	Sqm	573.85	330228
21	Lintel, beams, plinth beams, girders, bressumers and cantilevers	24.98	Sqm	502.85	12561
22	Columns, pillars, piers, abutments, posts and struts.	10.8	Sqm	680.15	7346
23	Suspended floors, roofs, landings, balconies and access platforms	8	Sqm	635.60	5085
24	Edges of slabs and breaks in floors and walls				
25	Under 20 cm wide	18.4	Rm	242.30	4458
26	Arches, domes, vaults upto 6 m span	57.9	Sqm	2086.80	120826
27	Extra for arches, domes, vaults exceeding 6 m span	57.9	Sqm	1008.45	58389
28	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
29	Foundation	3.4	Sqm	52.46	178
30	Walls	50.48	Sqm	114.77	5794
31	Beams	4.99	Sqm	100.57	502
32	12mm Cement plaster finished with a floating coat of neat cement of mix:				
33	1 : 3 (1 cement : 3 fine sand)	186.42	Sqm	343.75	64082
34	1 : 4 (1 cement : 4 fine sand)	230.18	Sqm	325.45	74912
35	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level				
36	Hot rolled deformed bars	6514.25	kg	87.18	567912
37	Structural steel work in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete	450	kg	102.13	45959
38	P/ M of water proofing compound to cement concrete @ 1kg/50 kg of cement.	610	kg	57.90	35319
39	Structural steel work in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)	800	kg	121.35	97080
40	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	5708.07	kg	91.03	519606
41	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia 4 mm	720	Sqm	806.85	580932


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	Filling available excavated earth (excl. rock) in trenches plinth sides of foundation etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming & watering lead upto 50 m, & lift upto 1.5 m.	1558	Cum	198.70	309575
43	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	110.6	Qtls	245.55	27158
44	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket.				
45	100 mm dia	128	Joints	89.70	11482
46	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
47	15 mm dia. G.I. pipes	2500	Mtr.	20.25	50625
48	20 mm dia. G.I. pipes	2400	Mtr.	20.25	48600
49	25 mm dia. G.I. pipes	1800	Mtr.	30.65	55170
50	40 mm dia. G.I. pipes	1200	Mtr.	40.80	48960
51	50 mm dia. G.I. pipes	800	Mtr.	40.80	32640
52	65 mm dia GI pipe	500	Mtr.	73.05	36525
53	80 mm dia GI pipe	500	Mtr.	73.05	36525
54	P/f of 12mm thick MS flanges to the G I pipe , including cost of flanges, welding charges and L/F charges complete.				
55	100 mm dia G.I pipe	30	Pairs	1500.00	45000
56	CARRIAGE OF MATERIALS				
57	By Mechanical Transport including loading, unloading and stacking				
58	100 mm dia D.I / G.I Pipes (45 kms)	700	Mtr.	14.22	9954
59	Below 100 mm G.I Pipes (45 kms)	37.53	MT	578.44	21708.853
60	Cement and Steel (50 Kms)	131.79	MT	622.60	82052.454
61	Sand, stone aggregate below 40 mm nominal size (50 Kms)	415.03	Cum	693.36	287765.2
62	Stone aggregate 40 mm nominal size and above (50 Kms)	196.42	Cum	703.75	138230.58
63	Stone Soling (50 Kms)	58.19	Cum	824.11	47954.961
64	By Manual Labour including loading, unloading and stacking				
65	100 mm dia D.I / G.I Pipes (1000 m)	700	Mtr.	15.68	10976
66	Below 100 mm G.I Pipes (500 m)	37.53	MT	355.70	13349.421
67	Cement (400 m)	75.47	MT	246.42	18597.317
68	Steel (400 m)	55.27	MT	529.32	29255.516
69	Sand, stone aggregate below 40 mm nominal size (400 m)	415.01	Cum	529.08	219573
70	Stone aggregate 40 mm nominal size and above (400 m)	196.42	Cum	572.75	112500
71	Stone Soling (400 m)	58.19	Cum	623.28	36269
Total					8308000

Add @3.99% for all items rates quoted by the bidder	332000
Alloted cost after the deduction	8640000
Restricted for an amount of Rs:84.53 Lacs as per the approved DPR cost	

Rates & Qty Checked

Head Draftsman

Technical Officer

Executive Engineer

Jal Shakti BHE Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 84.53 Lacs Eighty four lac fifty three thousand only as per the approved DPR
2	The work shall have to be completed within a period of 90 working days from the date of issuance of this allotment order failing which penalty upto 10% of the total value of contract shall be imposed upon you.

The earnest money shall be deposited in the shape of CDR/FDR/BG within seven days after issuance of this allotment as per the terms and conditions of NIT/SBD. (FDR No:377450 Dt: 26.04.2023 Rs: 166200/

Client/Paying Authority: The client/paying authority shall be the concerned Executive Engineer. Besides, the supervision of the various components of the work shall be carried out by the concerned Engineers of the Division/TPIQM consultants under the overall coordination of the concerned Superintending Engineer Hydraulic Circle/Executive Engineer/Assistant Executive Engineer

Terms of Payment: Payment can be claimed on a monthly basis subject to the amount of bill being proportionate to the value of work viz a viz completion period within a variation of -5%.

Warranty: 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 /joint venture 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/joint venture 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 / joint venture and shall be recommended for further punitive action as governed under the relevant clause of the contract including blacklisting.

7 Trial Run: 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.

8 Defects Liability Period (DLP): 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.

9 Liquidated damages (LD) 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 terms and conditions of the contract, the Department shall with or without prejudice 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
- e) Forfeit the performance security and blacklist the firm.

10 Force Majeure:
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.

11 Specifications of job: Tenderer/s must execute the works as per the requirements/specifications detailed in the relevant/applicable IS code/s.

12 Bidder Dying, Becoming Insolvent Or Imprisoned: 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. communications/ instructions.

13 Safety of Govt. Infrastructures: 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.

14 Allottee's risk and insurance: 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.

15 Work under Bidders Charge: From the commencement of the work to the completion thereof the same shall be under the bidders 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.

16 Setting Out of Works: The bidder shall be responsible for the time and proper setting out of all the works and for the correctness of the positions, levels, dimensions and alignment of all parts of the works and for the provision of all necessary instruments, appliances and labour in connection therewith.

17 Labour: 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.

18 Storage at Site: 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.

19 Watch & Ward of Works: The bidder shall in connection with the work provide and maintain at his own cost all lights, 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.

20 Final Acceptance: The equipment/work shall be accepted by the Department only after the system has been tested and has performed satisfactorily in all respects, at site, in accordance with the provisions of the contract.

21 Cleaning Up: On completion of the works the bidder shall clear away, load into trucks or any other transport and remove from the site all constructional plant, surplus materials, dismantled or otherwise, earth and rubbish and temporary works of every kind and leave the whole of the site and works clean and in a workmanship condition, to the satisfaction of the Department.

22 Power and Water Supply: 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.

	Agreement: 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.
24	Tender quantities: <u>The advertised quantities in the tender documents are tentative and subject to increase or decrease, depending upon actual requirement at site as per the design and other considerations. The successful bidder shall have no claim/ reservation on this account and the decision of the department shall be final and binding.</u>
25	Third Party Monitoring: The allotted works shall be subject to check by the third party monitoring agency (TPIQM) appointed by the Department. The agency shall check the quality of works executed by the agencies, quality of materials used for construction and quality of machinery installed in each scheme. The TPIQM's role shall be that of an assistant to the Employer's Representative for the purpose of monitoring and evaluation of the performance of the Contract during the Contract Period.
26	All other terms and conditions as laid down in form No.25 of P.W.D. shall remain in force and binding on successful tenderer.

Copy to the :-

- 1 Chief Engineer Kmr PHE Department Srinager for favour of information please.
- 2 District Dev. Commissioner Anantnag for favour of information please
- 3 Superintending Engineer Hyd. Circle Bijbehara for favour of information
- 4 Assistant Executive Engineer PHE Sub -Division Kokernag for information & necessary action. He will ensure the completion of work within the stipulated time period and strictly in accordance with approved proposals, besides the amount of work does not exceed beyond the provision of allotment in any case for which he shall be personally responsible.
- 6 **Technical Officer Divisional Office for information**





 Executive Engineer
 JSD PHE Division Bijbehara