

NO-FE-JSD-BMR-GA--Tender/2022:- 9804-13  
TO

Dated:- 07-02-2023

M/S RK Gupta & Co 50 B  
Sector A Subhash Nagar  
Jammu 18005(J&K)

Subject: - Providing sewerage scheme Bharmour and adjoining area, Tehsil Bharmour Distt. Chamba (SH:- Laying jointing of Sewage DI K-7 pipes, demolishing of Existing manhole chamber construction of new manhole chambers, inspection chambers in the working sewage network)

Your item rate through e-tendering system dated 17-06-2022 and further negotiation held in O/o Chief Engineer Jal Shakti Vibhag (D/Z) Dharmshala on dated 26.09.2022 which will become part and parcel of the contract agreement. Your offer for amounting to **Rs. 5,23,58,513 /-** (Rupees. Five crore Twenty Three Lakh Fifty Eight thousand Five hundred Thirteen ) only is hereby accepted on behalf of Governor of Himachal Pradesh. You are requested to start the work in consultation with the Assistant Engineer Jal Shakti Sub-Division **Bharmour** under intimation to this office immediately. The revised Schedule of quantity is also enclosed herewith which will also be a part and parcel of contract agreement.

It may please be ensured that all the material which will be used on the work shall strictly be according to the satisfaction of the department and as per the direction of the Engineer-in-Charge concerned.

The time allowed for carrying out the work is **One Year** which shall be reckoned from the fifteen days from the date of issue of this communication.

The fair and final Agreement is under preparation and you are requested to attend this office to sign the contract Agreement within 15 days. Please note that no Payment will be released to you unless you have signed the contract Agreement.

DA/-Schedule of Qty.

1. Cement @ Rs. 412 /- Per Bag.
2. Steel @ Rs. 82 /- Per Kg.

Executive Engineer,  
Jal Shakti Division, Bharmour.

Copy to the :-

1. Engineer-In-Chief Jal Shakti Vibhag Shimla 5 for information please
2. The Chief Engineer (D/Z) Jal Shakti Vibhag Dharamshala w.r. to his office letter No. 7400 dated 26-09-2022 for information please.
3. The Superintending Engineer Jal Shakti Circle Chamba w.r to his office letter No. 7013 dated 03-10-2022 .for information please
4. Assistant Engineer Jal Shakti Sub-Division Bharmour alongwith revised schedule of quantity for necessary action. The date of actual start of work by the said contractor/firm may be intimated to this office. This office may be kept informed periodically about progress of work by the contractor/firm.
5. Income Tax office Dalhousie
6. Aggrement No for the year 2022-23
7. The labour office Chamba
8. Account Branch of this office
9. Drawing Branch of this office.

Executive Engineer,  
Jal Shakti Division, Bharmour

### REVISED SCHEDULE OF QUANTITY

**Name of Work:- Providing Sewerage Scheme to Bharmour and Adjoining Area, Tehsil Bharmour, Distt. Chamba, Himachal Pradesh. (Sh-Laying, Joining of Sewage DI K-7 pipes, Demolishing of existing manhole chambers, construction of new manhole chambers, inspection chambers in the working sewerage network)**

Tendered cost Rs.	52358513.00 /- only
Estimated cost Rs.	57923269.00 /- only
Earliest Money :- Rs.	591733.00 /- only
Agency :- M/S R K Gupta & Co. 50 B sector A Subhash Nagar Jammu 180005 (J/K)	
Time :- One year.	

Sl. No.	Description of work	No. or Qty.	Unit	RATE		AMOUNT
				Rs. P	Words	
1.00	Excavation in foundation (trenches for pipes and M/holes) upto all depths in all classification of earth work such as pick work, jumper work, blasting soft/hard rock or chiselling soft/hard rock where blasting is prohibited, cutting of matted bitumenous roads / pucca pavements 1/c saturated soil/ bailing or pumping out water in all lifts including trimming and dressing of sides, leveling of beds to correct grade including shoring, strutting, planking, timbering and dewatering wherever required, stacking the usable and un-usable material/ soil separately and after laying, jointing and testing of pipes returning the useable soil to trenches in 15cm (fifteen centimeters) layers including consolidating of each deposited layer by ramming and watering and then disposing of all surplus excavated soil, un-usable materials as directed within all leads and lifts including restoration of un-metalled surfaces to its original condition and also including cost of diversion of traffic, night signals, fixing caution boards, crossing over trenches for access to houses, fencing etc. complete in all respects within all leads and lifts as per the directions of Engineer-in-charge.	<b>8100.62</b>	<b>Cum</b>	<b>460.00</b>	Rupees Four Hundred & Sixty Only	3726285.20
2.00	Excavation in earth work and disposal of excavated earth upto a lead of 20 metres and lift upto 1.50 metres, disposed earth to be levelled and neatly dressed in Pick-Jumper work.	<b>15.96</b>	<b>Cum</b>	<b>675.00</b>	Rupees Six Hundred & Seventy Five Only	10773.00
3.00	Demolishing of Existing Manhole Structure (in Brick Masonry)	<b>378.00</b>	<b>Each</b>	<b>3200.00</b>	Rupees Three Thousand Two Hundred Only	1209600.00
4.00	Providing and laying Cement Concrete 1:4:8 (Cement, Sand, Stone Aggregate 40 mm Nominal Size & Curing Complete excluding the cost of form work and reinforcement for reinforced concrete work	<b>276.49</b>	<b>Cum</b>	<b>15250.00</b>	Rupees Fifteen Thousand Two Hundred & Fifty Only	4216472.50
4.01	Foundation and plinth					
6.00	Providing and laying Cement Concrete M30 (Design Mix) But not less than 1:1.5:3 & Curing Complete excluding the cost of form work and reinforcement for reinforced concrete work	<b>409.25</b>	<b>Cum</b>	<b>17500.00</b>	Rupees Seventeen Thousand Five Hundred Only	7161875.00
6.01	In Foundation and Plinth					
6.02	Walls (any thickness but not less than 0.10 mm thickness attached pilasters, buttresses, plinth & string courses.)	<b>490.73</b>	<b>cum</b>	<b>17750.00</b>	Rupees Seventeen Thousand Seven Hundred & Fifty Only	8710457.50
6.03	In suspended floors, roofs, landing and shelves and their supports, balconies, beams, girders, brusses and cantilevers upto floor two level	<b>350.51</b>	<b>cum</b>	<b>17750.00</b>	Rupees Seventeen Thousand Seven Hundred & Fifty Only	6221552.50




10.00	Access upto floor two level	1.08	cum	18000.00	Rupees Eighteen Thousand Only	19440.00
8.00	2nd Class brick work using common burnt clay building bricks in foundation and plinth in cement mortar 1:4:1 cement + Sand	.66	cum	18250.00	Rupees Eighteen Thousand Two Hundred & Fifty Only	12045.00
9.00	20 mm cement plaster in two coats on rough side of brick concrete/stone wall for internal plastering upto floor two level. C.C. arches, internal rounded angles, chajjas and 30X30X3mm so as to give fair finish including centering, shuttering, strutting and propping etc. with wooden battens and Ballies height of propping & centering below supporting floor to ceiling not exceeding 4 mtrs and removal of the same for in situ reinforced concrete & plain concrete work in	63.90	sqm	425.00	Rupees Four Hundred & Twenty Five Only	27157.50
10.01	Flat surfaces such as soffits of suspended floors, roofs, landings and the like floors etc up to 200mm in thickness	383.21	sqm	525.00	Rupees Five Hundred & Twenty Five Only	201185.25
10.02	Vertical surfaces such as walls (any thickness) partitions and the like including attached balusters, buttresses, plinth and string courses and the like	6530.36	sqm	385.00	Rupees Three Hundred & Eighty Five Only	2514188.60
10.03	Providing form work of ordinary timber planks so as to give a rough finish including centering, shuttering, strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 metres and removal of the same for insitu reinforced concrete & plain concrete work in arches upto 6 metres span.	7.56	sqm	2500.00	Rupees Two Thousand Five Hundred Only	18900.00
11.00	Providing for steel reinforcement for R.C.C work including bending, binding & placing in position complete upto floor two level	75895.50	kg	110.00	Rupees One Hundred & Ten Only	8348505.00
12.00	Applying cement slurry on RCC Slab or cement concrete work	555.31	sqm	223.00	Rupees Two Hundred & Twenty Three Only	123834.13
13.00	Providing and fixing CI Rungs	1746.00	Nos	485.00	Rupees Four Hundred & Eighty Five Only	846810.00
14.00	Providing & Fixing Pre Cast SFRCC Manhole cover having size of 560 mm internal dia (Medium Duty) with in all leads and lifts complete in all respect.	682.00	Each	3265.00	Rupees Three Thousand Two Hundred & Sixty Five Only	2226730.00
15.00	Providing and fixing of 3.15mm MS Sheet Manhole cover 600X600mm with locking arrangement	6.00	each	28500.00	Rupees Twenty Eight Thousand Five Hundred Only	171000.00
16.00	Providing and laying cement concrete 1:3:6 (1 cement: 3 sand: 6 graded stone aggregate 40mm nominal size) excluding cost of centering & shuttering in.					
16.01	Foundation and Plinth.	3.00	cum	16250.00	Rupees Sixteen Thousand Two Hundred & Fifty Only	48750.00
17.00	White washing with lime on undecorated wall surfaces two coats to give an even shade including thoroughly brooming the surface to remove all dirt, dust, mortar dirt and other foreign matter.	123.30	sqm	175.00	Rupees One Hundred & Seventy Five Only	21577.50
18.00	Laying and jointing in trenches, galvanized mild steel tubes (light grade), S&S tube fittings (earth work in trenches to be measured & paid for separately), 65mm nominal bore	2630.00	Rmt	165.00	Rupees One Hundred & Sixty Five Only	433950.00
19.00	Providing and fixing sand cast/cast iron spun spigot and socket soil, waste and ventilating pipes (lead caulked joints to be measured and paid for separately) 100mm nominal size.	12.00	Rmt	4000.00	Rupees Four Thousand Only	48000.00
20.00	Providing and fixing Cast Iron Cowl 100mm nominal diameter.	6.00	Each	3750.00	Rupees Three Thousand Seven Hundred & Fifty Only	22500.00
21.00	Providing and fixing Cast Iron Sluice Valve (IS 14846:2000) 65mm nominal bore	12.00	Each	15500.00	Rupees Fifteen Thousand Five Hundred Only	186000.00



10) Laying, jointing and testing in trenches to be levelled to grade, centrifugal cement mortar lined ductile nonspun) pressure pipes conforming to BIS 8923:2000 class K short pieces, end pieces, plugs of required sizes 1/c cutting pieces, channelling where ever required (earth work in trenches and cost of joints to be measured and paid for separately) including carriage with in all leads and lifts complete in all respects to the best satisfaction of the Engineer in Charge of the following nominal diameters.

22.01	150mm dia							
23.00	Laying and jointing HDPE pipe (conforming to PES0 PN8 DN160 IS 14333: 1996) in proper position by butt fusion jointing procedure including hydraulic testing as per relevant IS Code, complete with all material for jointing procedure like butt fusion welding machine with hydraulic jack, top loading clamp etc. pump and accessories for hydraulic testing and all labours as directed by engineer in charge as confirming to IS-1034 (Part III: 2012 amended upto date).	4585.00	Rmt	320.00	Rupees Three Hundred & Twenty Only			1467200.00
23.01	160 mm OD of HDPE Pipe (HDPE PIPE PES0 PN8 DN160 IS 14333: 1996)	400.00	Rmt	320.00	Rupees Three Hundred & Twenty			128000.00
24.00	complete in all respect with in all leads and lifts and as per latest amendments or Edition	250.00	Each	6000.00	Rupees Six Thousand Only			1500000.00
25.00	Providing and fixing DI Plug 150 mm Dia complete in all respect and as per latest Amendments or Edition.	480.00	Each	2350.00	Rupees Two Thousand Three Hundred & Fifty Only			1128000.00
26.00	Providing and jointing iron (Push on joints) to Ductile iron pipe and fitting i/c testing of the joints cost of rubber gasket(EDPM Quality) conforming to IS 3382 (Latest edition amendments) complete in all respect with in all leads and lifts and as per latest amendments or Edition	590.00	Each	525.00	Rupees Five Hundred & Twenty Five Only			309750.00
27.00	REPAIR OF PWD Road Damaged During Laying of Sewer Line for Zone-2	35.00	Rmt	2500.00	Rupees Two Thousand Five			87500.00
28.00	Repair of Panchayat Footpath Damaged During Laying of Sewer Line for Zone-2	430.00	Rmt	2350.00	Rupees Two Thousand Three Hundred & Fifty Only			1010500.00
<b>Total in Figures</b>								<b>52358513.00</b>
<b>TERMS AND CONDITIONS</b>		<b>Total in Words</b>						
1	The work shall be executed as per HPUST specifications, CPHEEO manual with latest amendments on sewerage and sewage treatment, relevant IS codes and to the entire specification of the Engineer-in-Charge	<b>Rupees Five Crore Twenty Three Lakh Fifty Eight Thousand Five Hundred &amp; Thirteen Only</b>						
2	Hydraulic design of treatment unit shall be carried out as per latest CPHEEO Manual guidelines							
3	All rates should be inclusive of all taxes i/c G.S.T.							
4	Security, Income tax, G.S.T. labour cess and surcharge as applicable under various clauses of form PWD 6&12&8 will be deducted from the each running bill of the contractor by Executive Engineer under building and other construction for workers welfare cess act 1996.							
5	The following material will be issued by the department							
6	a) Cement @ Rs 412 / Per bag from Divisional store Bharmour against proper indent thereafter carriage to the site of work in all leads and lifts by all means of transport shall be born by the contractor							
7	b) Steel @ Rs S2000 / Per M.T from Divisional store Bharmour against proper indent thereafter carriage to the site of work in all leads and lifts by all means of transport shall be born by the contractor							
8	All machines/ equipments required for laying/hoisting of pipe line will be arranged by the contractor/firm at its own cost and nothing extra shall be paid on this account.							
9	The firm shall make all the arrangement for working during night hours at its own cost.							
10	The rates of all the items shall be inclusive of the carriage of all the materials to charged all leads and lifts to the site of work.							
11	Only crushed well graded stone aggregate shall be allowed in concrete							

1	The bid document will be made to the contractor after testing completion of work.
2	The firm/contractors has to submit its working schedule of various components by proposing completion target dates of each component and adhered to these target strictly. also get it approved by the Engineer-in-charge before start of the work.
3	Nothing shall be paid for rejected work material.
4	Contractor shall be held responsible for watch and ward of his material during execution.
5	No variation shall be allowed without the prior permission of the Engineer-in-charge.
6	The Technical Bid firm shall give Technical proposal as per NIT with flow sheet discussing all the important components covered under the job, unit sizing a/w hydraulic design calculations, flow diagram duly marked on the layout plan including future provisions.
7	The firm shall submit or upload his offer online in 2 (two) covers or parts i.e. Part-1: shall contain Technical bid/eligibility documents with the detail of unit sizing, flow diagram & specifications of each component of STP along with hydraulic design & proposed layout of STP on the contoured site plan and scanned copies of all document of Eligibility Criteria (as per the requirement of Part 2 form-6) and Part -2 shall contain 'BOQ Financial Bid' where contractor will quote his offer for each item).
8	The firms shall carry out testing and commissioning of plant as per the direction of Engineer-in-Charge and after commissioning of the STP, the firm/contractor shall run the plant and train the departmental officials operators for at least 90 days. Various laboratory tests shall be carried out regularly during testing period to maintain the plant as per the requirements of CPHEEO manual.
9	In case sewage is not available for test running and commissioning of plant within three months after the completion then the firm/contractor shall test the structures/pipes for water tightness in the presence of Executive Engineer In-charge and work shall deemed to be complete. However the firm shall have to depute the trained person to impart training for one month within 12 months from the deemed date of completion on the call of the department. The security shall however be released against the bank guarantee of any nationalized bank of H.P. for the same amount pledged in favor of Executive Engineer In-charge for the said period.
10	After the award of work the firm shall submit the detailed hydraulic and structural design along with drawings for each component of treatment plant which shall be approved by the competent authority before the work is started. The design / drawings of the mechanical / electrical equipment & wiring etc. along with manufacturer's specifications / design also be submitted for approval by the department.
11	The complete structural design and drawing shall be got vetted from IIT/NIT/PEC.
12	The contractor shall submit the manufacturer's test certificate regarding quality of SFRC manhole covers and frames to be supply for this contract. addition to the manufacturer's name.
13	The excavation between two manhole covers for laying and jointing of pipes along the main road and in by-lanes shall be planned and carried out in such a way that it is completed and restored to its original condition within next two subsequent days. In case due to any eventuality, the excavated trench is not filled within this period, contractor will provide protective cover by laying proper framing of adequate strength to prevent any accidents.
14	All road crossings street crossings shall be executed by the contractor within his quoted rates & nothing extra shall be paid for this purpose. Reflective diversion and caution signboards shall be provided on either side of the work site along with guide stones duly white washed along the excavated trenches in the stretches where such work is taken in hand.
15	The Di pipes shall be machine cut to ensure minimum wastage & minimum damage of cement mortar lining. Any irregularly cut pieces shall not be taken back by the Department.
16	The DHDPE & GI pipe shall be issued by Department free of cost from Divisional store Bhammour

  
 Executive Engineer  
 JSV Division, Bhammour  
 Distt. Chamba (HP)