

**Tender for  
PH works for Narmada water line at  
UGC-DAE Consortium for Scientific Research,  
University Campus, Khandwa Road, Indore-452001**

**Financial Bid**

NIT NO: CSR/NIT 04./2021-22/ Dated 24/12/21  
Name Of Work: PH works for Narmada water line at  
**UGC-DAE CSR, Piplya Rao Campus.**

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**PH works for Narmada water line at**  
**UGC-DAE Consortium for Scientific Research,**  
**Piplya Rao Campus, Indore**

Name of Work: PH works for Narmada water line at **UGC-DAE CSR, Piplya Rao Campus.**

Name of Contractor/Vendor / Firm / Company \_\_\_\_\_

\_\_\_\_\_

Postal Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone Off. \_\_\_\_\_

Telex / Fax \_\_\_\_\_

Email ID \_\_\_\_\_

Signature & seal of Bidder

Price Schedule:

S. No.	Item	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
01.	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-Charge. 450X 0.55X0.3 =74.25	74.25 Cum	Cum		
02.	Earth work in excavation for foundation, trenches for pipes/cables or drains etc. by mechanical means/manual means(exceeding 30 cm depth) including ramming of bottom, dressing of sides, disposal of excavated earth including of all lift and lead upto 50 m. Disposed earth to be levelled and neatly dressed. Muddy soil 1000Mtr X 0.55X0.8 = 440	440	Cum		
03.	Providing, Laying, Jointing and field testing of High Density Poly Ethylene (HDPE) pipes confirming to IS 4984/14151/12786/13488 with necessary jointing material like mechanical connector or jointing pipes by heating to the ends of pipes with the help of Teflon coated electric mirror/heater to the required temperature and then pressing the ends together against each other to form a monolithic and leak proof joint by thermosetting process. It may be required to be done with Jacks/Hydraulic Jacks/Butt	1000	Meters		

	fusion machine.(50mm & above fusion jointed and below 50mm mechanical jointed) Pipe must be 10 rolls of 100m length so as to minimize the joints.				
04.	Providing and laying bend 90° confirming to IS specifications	06	nos		
05.	Providing and laying Equal Tee confirming to IS specifications	02	nos		
06.	Providing and laying reducer 6Kg/sqcm confirming to IS specifications	02	nos		
07.	Providing and laying End Cap confirming to IS specifications	02	nos		
08.	Providing Butt Fusion Welded joint/jointing by heating to the ends with the help of Teflon coated electric mirror/heater ends together etc. by thermosetting process to HDPE Pipe and specials.(6Kg,8Kg,10Kg)(50mm and above fusion Jointed and below 50mm mechanical jointed)	20	nos		
09.	Providing for laying and fixing of following cast iron double flanged sluice valve as per IS 14846-2000 fitted with cast iron cap including jointing and testing with cost of jointing material such as bolts, nuts, rubber insertions etc. all complete	03	nos		
10.	Spigot Long Neck Pipe End(Stub End) for Electro Fusion Joint	02	nos		
11.	Road restoration work M-10 RCC 450X0.55X0.1	24.75	Cum		
12.	Road restoration work M-20 RCC 450X0.55X0.2	49.5	Cum		
13.	Filling available excavated earth in trenches plinth sides of foundation in layer not exceeding 20 cm. In depth i/c	396	Cum		

	consolidation of each layer by ramming watering lead upto 50 m and lift upto 1.5 m in all kinds of soils. As per excavation				
14.	Transportation by mechanical means including loading, unloading and stacking where ever necessary	74.25	Cum		
15.	Flowmeter as per IMC specified standard	01	nos		
16.	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	180.68 Cum	Cum		
17.	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All kinds of soil	106.43 Cum	Cum		
18.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) cum 6833.40	2.8 Cum	Cum		
19.	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from	31.25 Cum	Cum		

	<p>natural sources and using recycled concrete aggregate (RCA) as coarse aggregate and fine aggregate within permissible utilization of 20% each, Portland Pozzolana /Ordinary Portland/Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.</p> <p>Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.</p> <p>All works upto plinth level- Concrete of M25 grade with minimum cement content of 330 kg /cum</p>				
20.	<p>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.</p>	3942 kgs	Kg		

21.	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. cement	343.64 bags	Per 50 kg cement		
22.	Centering and shuttering including strutting, propping etc. and removal of form work for : (i) Foundations, footings, bases for columns (ii) Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	45.92 sqm 165.33 Sqm	Sqm Sqm		
23.	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand) sqm 253.05	134.18 Sqm	Sqm		
24.	Neat cement punning as per instructions	104.4 Sqm	Sqm		
25.	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	29.78 Sqm	Sqm		
26.	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. kg 93.05	145 Kgs	Kg		

<b>Total Amount (Including GST)</b>	
<b>SAY</b>	

(Gross Amount in words-----)

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