

## FINANCIAL BID SHEET-1

TENDER NOTICE NO :- 116/ (C&amp;E) /E-Tender/2017-18

Sl. No.	Name of the Work	:-	Fire Hydrant Work etc. in Polyclinic & Diagnostic Building at IGIMS, Patna
1	Estimated Cost (In Rs.)	:-	3,000,000.00
2	Earnest Money ( in Rs)	:-	60,000.00
3	Cost of B.O.Q. ( In RS)	:-	5,000.00
4	E-tendering fee (Non Refundable ) ( In Rs)	:-	1,150.00
5	Time of completion ( In Days)	:-	60.00
6	Date/ time for obtaining BOQ (Only on www.eproc.bihar.gov.in)	12/05/2017 to 06/06/2017 till 3.300 PM	
7	Last date/ time for submission of complete tender/quotation Document ( Only on www.eproc.bihar.gov.in)	07/06/17 at 3:30 AM	
8	Last date/ time for submission of complete tender/quotation Document in Hard Copy ( Only on www.eproc.bihar.gov.in)	08/06/2017 at 01:30 PM	
9	Date / Place of opening of tender / quotation (Technical bid only on www.eproc.bihar.gov.in )	09/06/2017 at 3.30 PM in Conference Hall of IGIMS, Patna	
10	Date/ place of opening of tender (Financial bid only on www.eproc.bihar.gov.in)	Date of opening of price bid of technically viable tender shall be intimated only through www.eproc.bihar.gov.in and on Institute web site www.igims.org.	

## PERMISSIBLE LIMIT UP TO 10% ("HIGH" OR "LOW")

SI No	Item Descriptions	Unit	Qty.	Rate (Based on ward block work)	Amount (In Rs.)
<b>NON-SCHEDULE ITEM</b>					
<b>A.)</b>	<b>ESTIMATE FOR FIRE HYDRANT / WET RISER SYSTEM :-</b>				
1	Providing and fixing <b>M.S. Pipe heavy class</b> including all fittings like coupling, bends, elbows, offsets, blind flanges, plugs, tees, flanges, etc. welding joints (all type) as required, supports, cutting holes and chases in brick or RCC walls or floors, with painting and making good complete. Pipes should be welded joint (all type), Pipes conforming to I.S.:1239				
A)	b. 80 mm dia.	Mtr.	24.00		-
B.)	c. 100 mm dia.	Mtr.	213.00		-
C.)	d. 150 mm dia.	Mtr.	100.00		-
2	Providing and fixing S. S. <b>Landing Valve (hydrant valve)</b> conforming to IS:5290 with 63 mm dia instantaneous female coupling on the outlet blank cap and chain necessary companion flanges, nuts, bolts, washer and gasket complete as per specification. (ISI marked), Single Outlet.	Nos.	26.00		-
3	Providing and Fixing <b>First aid fire hose reel</b> wall mounting swinging type fitted with 20 mm dia x 30 m long high pressure hose with PVC shut-off nozzle conforming to IS:884-1969	Nos.	26.00		-
4	Providing and fixing 63 mm dia 15 mtr. Long <b>Rubberized fabric lined hose (RRL)</b> including G.M. male and female instantaneous type coupling, machine wound with copper wire complete in all respects. Hose shall conform to IS:636 Type A (ISI marked)	Nos.	54.00		-
5	Providing and fixing standard short size S. S. <b>Short Branch Pipe</b> with nozzle 16 mm dia outlet with standard instantaneous type 63 mm dia Male coupling. (ISI marked)	Nos.	27.00		-
6	Providing and fixing <b>Fire hose cabinet</b> fabricated from M.S. Sheet with single or double front door and locking arrangement, Red painted including suitable supports to place 900 mm above ground level, approximately size 30" x 24" x 10" (to house two length of canvas hose with couplings & branch pipe for external / internal hydrants)	Nos.	27.00		-
7	Providing and fixing cast iron dual plate wafer type 100 mm dia. <b>Non return valves</b> of PN. 1.0 including nuts, bolts. 1.5 mm thick compressed asbestos gasket including matching flanges etc. complete.				
A.)	a. 100 mm dia.	Nos.	7.00		-
B.)	b. 150 mm dia.	Nos.	4.00		-
8	Providing and fixing 100 mm dia. C.I. <b>Butter fly valves</b> PN 1.0 complete with bolts, nuts 1.5 mm thick compressed asbestos gasket companion flange etc. complete.				
A.)	a. 100 mm dia.	Nos.	7.00		-
B.)	b. 150 mm dia.	Nos.	4.00		-
9	Providing and fixing of resilient rubber lined single arch vibration eliminators suitable for raw water up to 45°C temperature, working pressure 8.8 kg/cm <sup>2</sup> and test pressure of 14 kg./cm <sup>2</sup> for :-				
A.)	a. 100 mm dia.	Nos.	4.00		-
10	Providing and fixing <b>C. I. Two way Fire brigade inlet</b> breaching head as per IS:904 specification tested for 20 kg/cm <sup>2</sup> with 63 mm dia instantaneous type inlet and 150 / 100 mm dia flanged outlet with built-in check valve for Fire brigade connection to fire risers including companion flanges, including nuts, bolts & washers etc.	Nos.	4.00		-
11	Providing and fixing dial type <b>Pressure gauge</b> IPS 100, with isolation cock and copper pipe at hydrant point	No.	2.00		-
12	Providing & fixing M.S. 150 mm dia. Air cushion tank with air release valve, complete in all respect.	No.	2.00		-
13	Providing and fixing heavy duty PVC insulated, PVC <b>Armored aluminum conductor cable</b> including necessary support clamps and connection lugs complete in all respects.				

	a) Power Cable 3.5 core x 6 Sq mm	Mtr.	180.00		-
14	Terrace Pump : Supplying and fixing wilo Mather + Platt make Horizontal end suction Pump Model NL 40-160 with Bronze Impeller, S.S. – 410 shaft & sleeve & Mechanical sealed (Head : 35 Mtr., Flow : 450 LPM, Kirloskar make 7.5 HP, 2900 RPM, 3 Phase, 415 volt REFC AC Motor, coupling, Guard, Base Plat)	Set	2.00		-
15	Providing and fixing dust & vermin proof cubicle type <b>Motor control panel</b> fabricated form powder coated 18 SWG MS sheet complete with incoming main MCCBs, fully taped aluminum bus bar, volt meter, rotary selector switch for reading voltage between phases. Amp. Meter with selector, 3 phase indication light, 3 phase preventions of suitable, auto / manual off selector, color coded internal wiring form main to bus bar, complete in all respect.	No.	2.00		-
<b>B.)</b>	<b>ESTIMATE FOR SMOKE DETECTOR &amp; FIRE ALARM SYSTEM :-</b>				
16	Providing & fixing of Acclimating type multicriteria Detectors of Photo-optic sensing chamber, 12 / 24 volt D.C., visual alarm indicator (LED's) "Blink - green" in stand by and "Steady - red" in alarm complete in all respects with base as required.	Nos.	50.00		-
17	Providing and fixing of 25mm dia.PVC conduit pipe ISI marked,complete with all fittings viz. Tees,Bends Junction Boxes Clamp / Supports etc. To be concealed in slabs/ Brick work as required of surface laid.	Mtr.	945.00		-
18	Providing & fixing of solid copper conductor PVC insulated ISI marked wire ; a) 2 x 1.5 sq. , mm	Mtr.	1,100.00		-
3	Providing and fixing of self illuminated / auto glow "EXIT" & "FIRE EXTINGUISHERS" signs printed on photo luminescent sheet containing self illuminated base chemical, of appropriate size not less than 300 x 150 mm, suspended from ceiling or fixed to the walls with accessories as required and as directed at site	Nos.	10.00		-
	<b>SCHEDULE ITEM</b>				
19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	LTR	40,000.00	6.60	264,000.00
20	Providing and fixing of G.I. Tata pipe with Bend, Tees, etc. for filling water in PVC Water Tank and also use in hydrant accessories fitting, complete in all respect :-				-
	- 50 mm dia.	Mtr.	24.00	489.10	11,738.40
	- 40 mm dia.	Mtr.	20.00	394.10	7,882.00
	- 25 mm dia.	Mtr.	30.00	269.20	8,076.00
21	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work upto plinth level.				-
a)	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)	cum	1.00	3,740.20	3,740.20
22	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :.6 (1 cement: 6 coarse sand ).	Cum	8.00	4,490.60	35,924.80
23	Cement plaster in course sand 12 mm cement plaster of mix:1:4(1 cement :4 coarse sand)	Sqm.	70.00	114.70	8,029.00
24	15 mm cement plaster on rough side of single or half brick wall of mix:1:4(1 cement: 4 coarse sand )	Sqm.	70.00	133.20	9,324.00
25	Finishing walls with Acrylic Smooth exterior paint of required shade :				-
a	New work (Two or more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	sqm	140.00	71.10	9,954.00
26	Providing and fixing M.S. grills of requirement pattern in frames of windows etc. with M.S. flats, square or round bars etc. All complete.	kg	160.00	86.00	13,760.00
27	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required	Sqm.	10.00	550.40	5,504.00
28	<b>Extra cost for carriage of Material</b>				-
a	Sone Sand (45 km from Koelwar)	Cum	12.00	607.62	7,291.44
b	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	1.00	1,773.56	1,773.56
c	Bricks (7P+ 1K)	%o	8.00	531.02	4,248.16
d	Difference of Cost of Bricks	%o	8.00	1,643.99	13,151.92
e	Difference of Cost of Cement	tonn	5.00	767.25	3,836.25
1	Name of the Bidder				
2	Address of the Bidder				
3	Total Amount of Civil Work ( Schedule Item)			Rs. :-	
4	For Civil Work= I/we offer in Figures..... in words..... % (Percentage) High / Less/Estimated rate are mentioned in the Bill of quantity.) Note:- Percentage( %) rate applicable for only on Schedule Items				IN FIG.

5		IN WORDS	
6		HIGH, Low, As per estimate rate	
		Director, IGIMS, Sheikhpura, Patna - 14	