

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES: SHEIKHPURA: PATNA-14
BILL OF QUANTITIES

1	Name of the work	Laying of C.I. Pipe & fitting from 41 HP Motor pump R.C.C . Over head tank and diagnostic areas at IGIMS Patna-14
2	Estimated cost	Rs. 7,72,745.00 Rs. Seven Lacs seventy two thousand seven hundred forty five only.
3	Cost of BOQ	Rs.1250.00 (Rs. One thousand two hundred fifty only)
4	Earnest Money Deposited	Rs.15,500 (Rs. Fifteen thousand five hundred only.)
5	Time of Completion	30 days
6	Last date and time of receipt of tender	30/01/2016 up to 1.30 PM office of the Director, IGIMS, Patna-14 through Regt. /Speed Post/Courier.
7	Date and time of opening of Tender	01/02/2016 at 3.30 PM in Conference Hall, IGIMS,Patna

S. N.	Item Description	Unit	Qty.	Rate (In Rs.)
1	Earth work in rough excavation , banking excavated earth in layer not exceeding 20 cm in depth , breaking clods watering , rolling each layer with 1/2 tonne roller or wooden or steel rammers and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks , marginal banks and guide banks or filling up ground depressions. lead upto 50 m and lift upto 1.5m.			
a	All Kinds of soil	Cum	112.8	222.00 Rs. Two hundred twenty two only.
2	Providing and laying Double Flanged (Screwed / Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 :			
a	150 mm dia Ductile Iron Double Flange	Rmt	6.0	4114.55 Rs. Four thousand one hundred fourteen & paise five five only.
b	200 mm dia Ductile Iron Double Flanged	Rmt .	88.0	4841.85 Rs. Four thousand eight hundred forty one & paise eight five only.
3	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts,rubber insertions etc. (the tail pieces if required will be paid separately) :			
a	200 mm diameter	Each	3.0	11579.00 Rs. Eleven thousand five hundred seventy nine only.
4	Constructing masonry Chamber 90x90x100 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse	Each	3.0	11672.35 Rs. Eleven thousand six hundred seventy two & paise three five only.

	sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal 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 :			
5	Providing and laying D.I. Specials of Class K - 12 suitable for mechanical jointing as per IS : 9523 :			
a	Up to 600 mm dia	Quintal	12.0	16,178.95 Rs. Sixteen thousand one hundred seventy eight & Paise nine five only.
6	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering	Cum	112.8	66.40 Rs. Sixty six & Paise four zero only.
7	Providing flanged joints to double flanged C.I./ D.I. pipes and specials, including testing of joints :			
a	150 mm diameter pipe	Each	4.0	234.55 Rs. Two hundred thirty four & Paise five five only.
b	200 mm diameter pipe	Each	6.0	240.35 Rs. Two hundred forty & Paise three five only.
8	Disinfecting C.I. water mains by flushing with water containing bleaching powder @ 0.5 gms per litre of water and cleaning the same with fresh water, operation to be repeated three times including getting the sample of water from the disinfected main tested in the municipal laboratory			
a	150 mm diameter C.I. Pipe	Rmt	6.0	13.95 Rs. Thirteen & Paise nine five.
b	200 mm diameter C.I. Pipe	Rm	88.0	18.69 Rs. Eighteen & Paise six nine only.
g	Labour for cutting C.I. pipe with steel saw.			
a	150 mm diameter C.I. Pipe	Each	2.0	144.15 Rs. One hundred forty four & Paise one five only.
b	200 mm diameter C.I. Pipe	Each	12.0	192.25 Rs. One hundred ninety two & Paise two five only.

10	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level			
a	1:1.5:3(1 Cement :1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	Cum	3.1	3741.30 Rs. Three thousand seven hundred forty one & Paise three zero only.
11	Carrage of the following material			
a	Sone Sand (45 km from Koelwar)	Cum	1.2	652.71 Rs. Six hundred fifty two & Paise seven one only.
b	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	2.4	2391.68 Rs. Two thousand three hundred ninety one & Paise six eight only.
c	Difference of Cost of Cement	tonn	1.1	798.89 Rs. Seven hundred ninety eight & Paise eight nine only.

Quoted Rates:

- a-% above
b-% below
c-at estimated cost.

NOTE:-

Contractors are requested to quote their rates % above / % below / at estimated rate
In above format tenders quoting item wise rate will be rejected.

- 1- Issued to :.....
2- Full postal address :-
3- Earnest money deposited :-
4- Registration No. :-
5- Time of completion :-

Signature of Contractors

Superintending Engineer
I.G.I.M.S., Patna