

# INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

## BILL OF QUANTITY

SI. No.- 03 Tender Notice No.93 (C)/2016-17

Sl. No.	Name of the Work :-	Laying of R.C.C Hume pipe for Renewing Drainage System from DAV School To STP Pump at IGIMS, PATNA			
1	Estimated Cost (In Rs.) :-	Rs. 8,27,645.00			
2	Earnest Money (In Rs.) :-	Rs. 16,600/-			
3	Cost of B.O.Q. (In Rs.) :-	Rs. 1,250/-			
4	Time of completion :- ( In Days)	45 Days			
5	Last Date, time & place for submission of tender-	14/05/2016 up to 1:30 PM at office of the Director, IGIMS, Patna-14 through Regt. /Speed Post/Courier.			
6	Date and time for opening of tender-(Technical Bid)-	16/05/2016 at 3.30 PM in Conference Hall of IGIMS, Patna			
7	Date & Time for opening of Price Bid of technically Suitable bidders.	18/05/2016 at 3:30 PM			
Sl. No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	Earth work in excavation in foundation trenches or drains(not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m . including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. 2.8.1 All Kinds of soil	cum	1,000.00	205.20	2,05,200.00
2	"Extra for excavating trenches for pipes, cables etc.in all kinds of soil for depth exceeding 1.5 m , but not exceeding 3 m.(Rate is over corresponding basic item for depth upto 1.5 meter.)	mtr	250.00	131.60	32,900.00
3	Open timbering in trenches including strutting and shoring complete, Depth exceeding 1.5 m but not exceeding 3 m (Measurements to be taken of the face area timbered	sqm	1,500.00	59.70	89,550.00
4	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete :For pipes 350 to 450 mm diameter	each	25.00	400.20	10,005.00
5	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality EHD - 35 19.19.4.1 Circular shape 560 mm internal dia	each	10.00	1,714.50	17,145.00
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 lead	cum	929.35	66.40	61,708.84
7	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	KL	300.00	61.70	18,510.00
8	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete	Cum	112.50	192.50	21,656.25
9	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 600 mm dia RCC Pipe	rmt	213.00	1,358.00	2,89,254.00
10	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,	sqm	52.28	227.60	11,900.00
11	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.1:1.5:3(1 Cement :1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	cum	5.00	4,455.00	22,275.00
12	Extra cost for carriage of Material				-
a	Local Sand / Earth soil (3 Km)	Cum	112.50	205.29	23,095.13
b	Sone Sand (45 km from Koelwar)	Cum	2.25	690.74	1,554.17
c	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	4.50	2,018.12	9,081.54
d	Bricks (7P+ 1K)	%o	1.65	601.67	992.76
e	Difference of Cost of Bricks	%o	1.65	1,473.55	2,431.36
f	Difference of Cost of Cement	tonn	13.00	798.89	10,385.57
				<b>Grand Total Amount ( Rs.)</b>	<b>8,27,644.60</b>
				Say.	<b>8,27,645.00</b>

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

	<b>Quoted Rates:</b>
<b>a</b>	.....% above
<b>b</b>	.....% below
<b>c</b>	.....at estimated cost.
	<b>NOTE:-</b>
	<b>Contractors are requested to quote their rates % above / % below / at estimated rate</b>
	<b>In above format tenders quoting item wise rate will be rejected.</b>
<b>1-</b>	<b>Issued to</b>
<b>2-</b>	<b>Full postal address</b>
<b>3-</b>	<b>Earnest money deposited</b>
<b>4-</b>	<b>Registration No.</b>
<b>5-</b>	<b>Time of completion</b>

Signature of Contractors

Superintending Engineer

I.G.I.M.S., Patna