

Rajasthan Urban Sector Development Investment Program

ADB LOAN No. 2366 - IND

Bid Invitation Number : RUIDP/NCB-IR/06

Price Bid Evaluation of Package No. ALW/WW-01 (Lot 2)

Name of Work : Providing, Laying, Jointing, Testing and Commissioning of HDPE pipe of 1000 mm for sewer laying of outfall/trunk pipe by trench less technology including construction of RCC Manholes and restoration of roads as per de

Engineer's Estimate: Rs. 65048945

Price Bid Evaluation

Item No.	Description	Unit	Quantity	Engineer's Estimate			3/3 M/s L. R. Sharma & Co., New Delhi			% Variation from Engineer's Estimate
				Unit Rate	Amount	% of works	Amount after discount	% of works		
1.	2.	3	4	5	6	7.0000	9	11	12	21
	PART-A									
	Baricading for Safety									
1	Baricading with sal ballies as per design including tying with vertical post by coconut strings complete in all respects with two horizontal members height 1.2 meters upto 1.5 meters above ground level and vertical supports upto 2.5 center and for 3 days period including removal & cleaning the site complete in all respect. Complete	Mtr.	330	18.00	5940	0.0092	400.00	132000	0.1821	2122.22
2	Add xtra in baricading for each subsequent day after 3 days	Mtr.	500	1.10	550	0.0008	500.00	250000	0.3448	45354.55
3	Earth work in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc.									
i	upto 1.5 m deep	Cum	488	69.00	33672	0.0520	150.00	73200	0.1010	117.39
ii	>1.5m and upto3.0m deep	Cum	464	79.00	36656	0.0566	200.00	92800	0.1280	153.16
iii	>3.0m and upto 4.5m deep	Cum	404	91.00	36764	0.0568	600.00	242400	0.3343	559.34
iv	>4.5m and upto6.0m deep	Cum	309	105.00	32445	0.0501	750.00	231750	0.3197	614.29
v	>6.0m and upto 7.5m deep	Cum	290	121.00	35090	0.0542	1,200.00	348000	0.4800	891.74
vi	>7.5 m and upto 9.0 m deep	Cum	250	139.00	34750	0.0537	1,800.00	450000	0.6207	1194.96
4	RCC Precast Manhole									
	Providing and constructing of RCC precast MH (Type-F) as shown in the drawing and as per specification including shuttering Reinforcement steel, testing for water tightness , fixing foot steps as per drawings and specifications etc. complete. (excluding the cost of manhole cover and frame) Note:- Excavation of earth work and road cutting for manhole will be measured and paid separately)									
i	> 7.8 Mtr. and up to 8.1 mtr deep to i nvert	No	3	41624.00	124872	0.1929	130,000.00	390000	0.5379	212.32
ii	> 8.1 Mtr. and up to 8.3 mtr deep to i nvert	No	3	43074.00	129222	0.1996	145,000.00	435000	0.6000	236.63
iii	> 8.3 Mtr. and up to 8.6 mtr deep to i nvert	No	4	44574.00	178296	0.2754	155,000.00	620000	0.8552	247.74
iv	> 8.6 Mtr. and up to 8.9 mtr deep to i nvert	No	10	46124.00	461240	0.7124	175,000.00	1750000	2.4138	279.41
5	Supply and fixing SFRC manhole frame and cover of 560 mm dia. Of specification and drawings as per IS-12592 ,2002.Extra Hevey duty (Testi ng load 35 tonnes)	No	20	1800.00	36000	0.0556	2,000.00	40000	0.0552	11.11

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				Unit Rate	Amount	% of works	Amount after discount	% of works		
6	Providing, fixing and erecting precast RCC (M20) Vent shaft with cowl, 125mm and 225mm internal and external dia respectively at top, 300mm and 450mm internal and external dia at bottom and 9.0m over all length, bottom 1.175m below ground level fixed in the pit 900mmx900mmx1500mm with PCC M15, 250mm in bed and minimum 200mm all around with top 150mm in PCC M15 with 20mm nominal size graded stone aggregate, junction of vent shaft and concrete grouted with cement mortar 1: including making connection with sewer manhole with 150mm dia NP4 RCC pipe (IS 458-amended upto date) as required including Type-A bedding complete as per standard design and finished with water proofing cement of approved brand as per drawings and/or as directed by Engineer. Note : Only Excavation work will be measured and paid separately	No	2	26724.00						
					53448	0.0825	10,000.00	20000	0.0276	-62.58
7	Providing and laying of HDPE PE-80/PN-2.5 as per IS-4984 of dia.1000 mm (Suitable for pushing method for jointing). pipes by trench less technology and in suitable length to suit the available space for thrust pit and to maintain direction and grade in all types of soil at required depth including carriage, etc. complete in all respect and making connection with the other sewer line.and connection with proposed manholes over the line . The methodology for trenchless sewer work and Load bearing strength of HDPE pipes should be submitted by the contractor and should be got vetted from IIT/national /state Govt. Engineering Institute. The work is inclusive of providing laying jointing, testing, commissioning of the sewer.Construction of thrust pit and receiving pit of required size up to required depth of sewer , soil investigation, construction of RCC Manhole paid separately as epr BOQ item . Cutting of bitumenous/concrete road and demolishing of plain concrete/red stone,foot path etc. if required , making good the same and making arrangement for crossing the drain/nallah etc. CCTV survey with cassette/CD(3 sets of drawing showing the complete alignment, GL/IL diameter. Construction of manhole of required size as per detail of RUIDP SOR relavent item & at a suitable interval as per direction of Engineer incharge and at junction as required at site. Making suitable arrangement for barricading the pit, traffic diversion, lights ,traffic permission from relevant authority(through department will assist in getting the permission) filling& making good the pit carriage of surplus earth or malba etc.All the work satated above & work shall be completed as per direction of Engineer incharge complete in all respect									
a	Dia.1000 mm	Rmt	1550	41000	63550000	98.1483	43,500.00	67425000	92.9998	6.10
	Total cost in (Rs)				64748945	100.0000		72500150	100.0000	11.97
	Discount Offered over quoted price									
	Provision for Electric connection, water supply connection, under ground utility shifting an third party inspection charges etc.				200000			200000		
	Provision for IEC and other activities related to Health and safety of labour				100000			100000		
	Total Provisional Sum Cost (Rs) (A+B)				300000			300000		
	Total Cost in (Rs) Including Provisional Sum				65048945			72800150		

(Financial Bid Opening Committee Members)

(K.K.Agarwal)
AEN, Alwar(K.C.Agarwal)
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Accountant, PMU, Jaipur(J P Lokwani)
SE(WS),PMU,JaipurRepresentative of Team Leader,
IPMC, Jaipur