



वरीय परियोजना अभियंता का कार्यालय

(बिहार सरकार का एक प्रतिष्ठान)

CIN-U45201BR1975SGC001208

कार्य प्रमंडल पटना-1

बिहार राज्य पुल निर्माण निगम लि०, पटना

7, सरदार पटेल मार्ग-पटना-15

मोबाईल Mobile : +91-9153962618 वेबसाईट <http://brpnnl.bihar.gov.in> ई-मेल e-mail : spe-patna-1@brpnn.co.in

Doc. No:-BRPNNL/ PT1/C001/ 1915(3/25) Date: 15/11/2025 Page No.....

Documents for works Details

1. Name of Work :- Laying of HDPE PIPE of Dia 600mm by HDD Machine at Mithapur in front of Vardhman Apartment in the District of Patna, Bihar.
2. Quotation No. & Date :- Doc No. BRPNNL/PT1/C001/ 1915 Date: 15/11/2025
3. Place for Submission of BOQ :- Senior Project Engineer, Works Division Patna-1, Bihar Rajya Pul Nirman Nigam Ltd.
4. Date & Time for Submission of Quotation :- Dt. 20/11/2025 upto 03:30 P.M
5. Date & Time for opening of Quotation :- Dt. 20/11/2025 upto 04:00 P.M.
6. Copy issued to :-
7. Copy issued by :- Senior Project Engineer, Works Division, Patna-1 Bihar Rajya Pul Nirman Nigam Ltd., Patna.

Signature and Date of Agency

Senior Project Engineer,
Works Division Patna-1
B.R.P.N.N.Ltd.



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1915

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Emergent Short Notice Inviting Quotation

Sealed Quotations are invited from B.R.P.N.N.Ltd., Empanelled Works Contractors/ Agencies for Laying of HDPE PIPE of Dia 600mm by HDD Machine at Mithapur in front of Vardhman Apartment in the District of Patna, Bihar. The rates should be inclusive materials & labour cost with all relevant taxes inclusive GST.

Sl. No.	Name of work	Unit	Qty.	Rate (in ₹)	Amount (in ₹)	Work Period
1.	Laying of HDPE PIPE of Dia 600mm by HDD Machine at Mithapur in front of Vardhman Apartment in the District of Patna, Bihar.			BOQ Attached		03 (Three) Months

The time of completion for above mentioned work is 03(Three) Week only. The sealed quotation will be received in the office of the undersigned **upto 03:30 p.m on or before date 20.11.2025 and will be opened at 04:00 p.m. on same day.** Interested Empanelled works contractors/agencies may download the BOQ from our website: www.brpnnl.bihar.gov.in. The Empanelled works contractors/agencies or their authorized representative may be present at the time of opening of the quotations. The envelopes should be addressed to **“Senior Project Engineer, Work Division Patna-1, Bihar Rajya Pul Nirman Nigam Ltd., 7, Sardar Patel Marg, Patna-800015 (Bihar)”** mentioning the name and scope of the work on the envelop. If an envelope is received through post or by hand and is found opened inadvertently, BRPNNL will not be responsible and the quotation may not be considered even if quoting lowest rates. The B.R.P.N.N.Ltd. reserves the right to accept or reject any or all proposals without resigning any reason thereof.

Terms & Conditions:

1. Cost of BOQ ₹10,000/-(Ten Thousand) Only. In shape of Demand Draft in favor of **“Senior Project Engineer, Work Division Patna-1, Bihar Rajya Pul Nirman Nigam Ltd., 7, Sardar Patel Marg, Patna-800015 (Bihar)”** payable at Patna.
2. Photocopy of Income Tax, PAN is to be attached.
3. Photocopy of GST is to be attached.
4. Empanment letter of B.R.P.N.N.Ltd., Work Circle-1 is to be attached.
5. Quantity may be increase or decrease as per requirement.

Senior Project Engineer
Works Division Patna-1

(Handwritten signature and date 15/11/25)

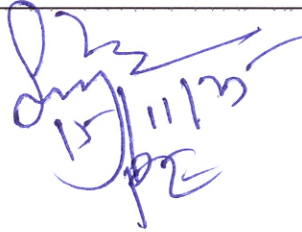
Bill of Quantity for Laying of HDPE Pipe of Dia 600mm by HDD Machine at Mithapur in front of Vardhman Apartment in the District of Patna.

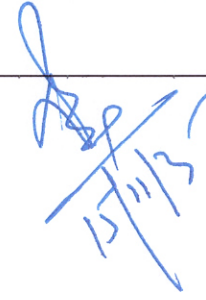
Sl. No.	Description	Unit	Quantity	Rate (In Rs.)	Amount (In Rs.)
1	Earth work in excavation in open area, STP, WTP, Pumping station with mechanical means including dressing of sides and ramming of bottoms, including getting out the excavated material, disposal of excavated material lead upto 1000m at suitable site as per as per drawing and as per direction of Engineer.				
	Above 6.0 m and upto 9.0 m depth	Cum	1636.50		
2	Earth filling Earth filling with available surplus soil excavated from foundations and taken only from outside of building plinth in layers not exceeding 20cm in depth, consolidating each deposited layer including ramming and watering and consolidation with lead up to 50 m and lift upto 1.5 m.	Cum	1600.00		
3	Providing Barricading for Trenches using 80 - 100 mm dia Wooden Ballies as vertical post, atleast 1.5m above ground level and atleast 30-45 cm below ground level at a spacing of 3 m. Two rows of PVC Tape (preferably red in colour) strip barricading horizontal strip securely tied by the vertical members. Vertical members shall be painted in red and white colour. Rate is inclusive removal and cleaning of site complete in all respect.	Mtr.	110.00		
4	Providing, jointing, laying, testing and commissioning of HDPE PE100/PN-6 (suitable for pulling method for jointing) pipes for sewer line as per IS-14333 (amended upto date) with compliance for maintaining slope as per design by trenchless adopting HDD method (Horizontal Directional Drilling) below ground at all depth including carriage etc. complete in all respect, construction of thrust pit and receiving pit of required size upto 3 metre depth and soil investigation, making suitable arrangement for barricading of pits, traffic diversion, lights, traffic permission from relevant authority (though department will assist in getting the permission), refilling of pits in compacted layers of 150 mm including disposal of surplus material with all lift and lead upto 50 metre as per specification and the direction of the Engineer. Note-1 Length of pipe shall be measured in between the outer wall of two manholes / Inspection chambers, Pipe in the manhole/inspection chamber's wall shall deemed to be included in the item of manhole/inspection chamber shall not be payable. Note- 2. Manual Pipe jacking is not permitted for workmen safety reasons.				
	630 mm Nominal Dia (In all types of Soil)	Mtrs.	130.00		
	630 mm Nominal Dia (In all types of Rocks)	Mtrs.	30.00		
5	Extra for excavation of driven pit/ exit pit / intermediate pit beyond 3 metre depth, required for pushing/ pulling of MS/HDPE/RCC pipe in trenchless technology, with proper protection at three sides with shoring sheets/ wooden planks and ISMB's, maintaining during pushing/ pulling of pipe, back filling, necessary de-watering including all machinery, tools, and tackles required as per specification and the direction of the Engineer.				
	In all kind of soil	Pit/Mtr	16.00		

Sl. No.	Description	Unit	Quantity	Rate (In Rs.)	Amount (In Rs.)
6	Providing and constructing of SEWER-BRICK (As per IS-4885 amended upto date) masonry circular manholes of "Type-D" with internal dia 1.50m and depth upto 9.0m having sewer brick masonry wall 230mm thick upto 1.5m, 345mm thick from 1.50m to 2.50m, 460mm from 2.50 to 5.0m and 575mm from 5.0 to 9.0m in cement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing compaction and form work etc. do..... do..... complete job.				
	Manhole Type D of Depth 5.10 m	Nos.	3.00		
7	Providing and constructing extra depth of manhole "Type-D" for depth beyond 5.10 m and upto 9.0 m with SEWER-BRICK masonry including 20mm plaster inside and outside as per drawing and direction of Engineer.	Mtr.	8.70		
8	Supply and Pushing of MS casing pipe of specified thickness by trenchless method adopting micro-tunnelling or any suitable mechanical technology or technology approved by Railway below ground at all depth under running traffic condition as per railway standard including carrying out survey work at the job site for determining underground cable trenches like telephone, cable, water & sanitary lines and resistivity test for finding the soil strata using necessary equipment's for completion of works, mobilizing of machineries and specialized crew at the job site do..... do..... complete job.				
	800 mm dia 12 mm thick casing pipe	Mtr.	6.00		
9	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains.	KL	3600.00		
	<u>Dismantling Work</u>				
10	Dismantling of Cement Concrete Pavement (Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately.) For Entry/Exit Shaft	Cum	9.00		
11	Dismantling of Cement Concrete Pavement (Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately.) For Manhole	Cum	6.00		
	<u>Road Work</u>				
12	Granular Sub-base with Close Graded Material (Table:- 400-1) with Plant Mix Method (Construction of granular sub-base by providing close graded Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniForm layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401)	Cum	27.00		

Sl. No.	Description	Unit	Quantity	Rate (In Rs.)	Amount (In Rs.)
13	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	33.75		
14	Plain/Reinforced cement concrete in open foundation complete as per drawing and technical specifications. For M20.	Cum	16.875		
Total In Rs.					
Total Amount In Word:-					

Contractor Signature


15/11/13


15/11/13