

VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LTD

PATNA DAIRY PROJECT

PHULWARISHARIF, PATNA 801 505

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Dt : 23.8.2016

Dear sir,

We are interested for new borewell & installation with material.

Detail specification of material and scope of work is as pr enclosed sheet.

Kindly submit your quotation latest by 8.9.16. Your rate must be F.O.R.-Dairy.

Thanking you,

Yours faithfully,



Incharge (MM)

Encl : a.a.

Technical specification of 12" X 8 " bore well with PVC casing pipes including drilling work & supply of required materials

Sl no	Description	Quantity
A. Scope of Materials supply		
01	Supply of PVC ISI marked pipe of diameter 300 mm and wall thickness not less than 6 mm , Standard Co Make	75 Meters
02	Supply of PVC ISI marked pipe of diameter 200 mm and wall thickness not less than 6 mm Standard Co Make	75 Meters
03	Supply of PVC ISI marked Slotted pipe of diameter 200 mm having wall thickness not less than 10 mm , Standard Co Make	37 Meters
04	Supplying & fixing small fittings like well Cap, Well Plug, Centre guide ,Reducers , rings etc all complete as per standard requirement for a bore well	1.0 Lot
05	Supplying & fixing suitable size Mild steel well clamps of required diameter to the top of the casing along with necessary nut ,bolt & washers. All complete	01.0 lot
06	Supplying & fixing suitable size PVC / Mild / cast steel bottom plug of required diameter to be provided in the bottom of the tube well. . All complete. with labor & materials as per direction of site in charge .	01 lot if required .
07	Supplying & filling ,spreading,& leveling stone boulders of size ranging from 5 CM to 20 CM in recharge pit in the required thickness with all leads & lifts all complete with labor & materials as per direction of site in charge .	6 to 8 CUM as per requirement & if required
08	Supplying & filling ,spreading,& leveling gravels ranging from 5 mm to 10 mm size in recharge pit in the required thickness with all leads & lifts all complete with labor & materials as per direction of site in charge.	3 to 4 CUM as per requirement & if required
09	Supplying & filling ,spreading,& leveling course sand ranging from 1.5 to 2 mm size in recharge pit in the required thickness with all leads & lifts. all complete with labor & materials as per direction of site in charge.	3 to 5 CUM as per requirement & if required
B. Labor work for drilling / boring work & Commissioning		
01	Drilling of bore well of diameter 600 mm diameter bore hole through any type of soil . Boring shall be done by reverse / direct circulation rotary system, including labor for boring required for PVC casing strainer as per IS:2800 (PART-1) including collecting soil samples from different strata preparing & submitting Strata chart complete with all labor & hiring charges of drilling plant & machineries required for the job including,DG set if required. .	150 Meters
02	The work of assembling, lowering, and fixing in vertical position in bore well , casing, strainer pipes all complete with labor tools & tackles & PVC pipe connecting system.	145 Meters
03	Development of the well to establish maximum rate of usable yield without any sand content (Beyond permissible limit with required capacity air compressor , running the compressor for required time till well is fully developed , measuring yield of the of the well by "V" notch method , measuring static level & draw down etc by step draw method , collecting water samples & getting tested in a approved laboratory all complete with labor & martial's as per direction of site in charge .	As One complete job & at least 24 hours of running .
04	To & Fro Transportation of Boring Equipments , machines & tools tackles all complete job	01 job on lump Sum basis
05	Digging a water pit of size 6 M x 6 M X 2 M for storing required water for drilling a bore well	01 job on LS basis

On Receipt
20/8/16
Consultant (Engg)

WPN
20/8/16