

Name of work: **C/o Mini Deep Tube Well and installation of Submersible Pump at KVK, Birchandramanu, South Tripura.**
 Division: **Krishi Vigyan Kendra**
 Location: **Birchandramanu, South Tripura**
 Rate: **Tripura Schedule of Rates 2002 and approved rates**
 Scope: **Provision of irrigation to 3.0 ha of Integrated farming system/farm area**

Item No. & details of work to be executed		Rate	Amount	
Description	Quantity		In figure	In words
Item No. C/o barak bamboo scaffolding for drilling and lowering of tube well i/c cutting a tank 2 x 2 x 0.9m size in drilling point and connecting the two tanks with 0.30m width and 0.15m deep drain:	1 (one) No.			
Item No. Drilling and boring of pilot hole of 100mm dia in any strata by water jetting or another suitable method i/c disposal of cutting soil, sand, clay etc. and making the hole properly in perpendicular and collection of the sample of strata regular intervals for designing the assembly of the tube well (Required drilling pipes and cutter will be arranged by the bidder/agency)	99.20 mtr.			
Item No.3: Reaming the pilot hole of 100mm dia to an enlarged bore hole of 250mm dia by water jetting or any other suitable method i/c disposal of spills, maintaining proper shape of the hole should be maintained perpendicular with respect to ground level	99.20 mtr.			
Item No.4: Supplying and lowering of 140mm and 110mm dia nominal bore UPVC blind pipes and 110mmdia slotted UPVC pipes as per availability of sub-soil water strata of approved quality reducer of 140x110mm dia and 110mm cutter. After successful dropping of pipes, the well will be washed with water lifting process in continuous until washed out all clay and cow dung from the dropped pipes and clear	93.41 mtr.			

water is available as per direction of the Engineer-in-Charge. (Minimu length of 110mm dia strainer will be 30.00m)				
Item No.5: Development and washing of the tube well using air compressor (diesel operated) until sand free clear water is available as per direction of the Engineer-in-Charge.	1 No.			
Item No.6: Supplying and fitting of submersible pump of 2000 GPH capacity, 45m head with motor of 3 HP capacity, single phase i/c 40mm dia 30.00m heavy duty GI pipes with GI flange with rubber nuts, bolts etc. pu,p assembly and reducing socket, delivery bend 90 degree, non-return valve and fittings etc. as per the direction of the Engineer-in-Charge.	1 No.			
Item No.7: Supplying, carrying and shrouding of washed pea-gravel of 2.00mm effective size in annular space between the pipe assembly and bore holes	3.50 cum			
Item No.8: Supplying and fitting, fixing of panel box of MS sheet with locking arrangement comprising of starter, Main Switch, Ampere Meter, Voltmeter, Selector Switch etc. inside the box i/c service connection within 50m length of LT line with roof of rain water protection and 4 Nos. Standby CC work in all respect as per the direction of Engineer-in-Charge i/c necessary earthing arrangement of the accessories of panel box	1 (one) job			
Item No.9: Construction of cement concrete 1:2:4 (1 cement:2 River Sand:4 jhama brick aggregate 20mm size) Working Platform of 1.85m dia, 15cm thick with 100mm thick border and drain etc. i/c plastering, neat cement punning etc.	1 (one) job			

Total of rates from Item No. 1 to 9) (A)				
B. Add cost index.....% of A				
Grand total (A+B)				
Grand Total rounded off				

Quoted cost: Rs..... (Rupees.....
.....) only

EMD: Rs..... (Rupees.....
.....) only vide No..... date.....

Date:.....

Signature with seal

List of enclosures:

1. Deposit-at-Call for Rs..... (Rupees) only
No..... of(Bank), Branch.
2. Copy of ITC, PTC, Labour registration
3. Copy of PWD/CPWD/MES/BSNL enlistment
4.

भाकृ अनुप - पूषप
ICAR-RC-NEH

Name of work: **Laying of Distribution Pipelines / System at KVK,
Birchandramanu, South Tripura.**

Division: **Krishi Vigyan Kendra**

Location: **Birchandramanu, South Tripura**

Rate: **Tripura Schedule of Rates 2002 and approved rates**

Scope: **Provision of distribution system to 3.0 ha of Integrated Farming System/Farm
Area.**

Item No. & details of work to be executed		Rate	Amount	
Description	Quantity		In figure	In words
Item No.1: Providing and laying of 50mm dia rigid PVC pipes of minimum wall thickness of 2.1mm and working pressure 6 kg/sqcm complete with necessary cement solvent, joints and fittings	250 mtrs.			
Item No.2: Providing and laying of 40mm dia rigid PVC pipes of minimum wall thickness of 1.8mm and working pressure 6kg/sqcm complete with necessary cement solvent, joint and fittings	250 mtrs.			
Item No.3: Providing and fixing of PVC reducing socket suitable for pipes complete with solvent, cement joints, 50 x 40mm dia	2 Nos.			
Item No.4: Providing and fixing of PVC bends 45 and 90 degree (both socketed) suitable for pipes complete with cement solvent joints, 40mm dia	15 Nos.			
Item No.5: Providing and fixing of PVC unequal tees suitable for pipes complete with cement solvent joints	6 Nos.			
Item No.6: Providing and fitting fixing of brass full way valve with handle in the GI pipe line i/c cutting, threading etc. complete as per chapter 20 of CPWD specification and direction of the Engineer-in-Charge, 40mm dia	5 Nos.			

Contd....P/2

<p>Item No.7: Excavating trenches of required width for pipes, cables etc. i/c excavation for sockets, dressing of sides where required, ramming of bottoms depth up to 1500mm i/c getting out the excavated soil and backfilling of soil as reqd. after laying the pipelines layers not exceeding 200mm in depth i/c consolidation each layer by ramming, watering etc. and disposing of surplus excavated soil with all reqd. leads as per chapter 2 of CPWD specification and direction of Engineer-in-Charge. For GI/CI/DI pipes in new work (a) in all kinds of soil, pipes not exceeding 90mm</p>	<p>500 mtrs</p>			
<p>Item No.8: Providing RCC post for hydrant, size 20 x 20cm at bottom, 15 x 15cm at the top of 120cm high i/c plastering the exposed surface up to 75cm from the bottom with 6mm thick cement mortar 1:4 i/c finishing with a floating coat of neat cement i/c providing and embedding 25mm dia polythene pipe with necessary GI elbow and short piece of good quality with all other required as per standard design. 10mm dia – 4 Nos. MS rod, 6mm dia 4 Nos. Stirrup, GI elbow 2 Nos. of 25mm dia and GI short piece 1 No. of 30cm</p>	<p>5 Nos.</p>			
<p>Total of rates from Item No. 1 to 8) (A)</p>				
<p>B. Add cost index.....% of A</p>				
<p>Grand total (A+B)</p>				
<p>Grand Total rounded off</p>				

Quoted cost: Rs..... (Rupees.....)

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Name of work: **C/o Mini Deep Tube Well and installation of Submersible Pump at KVK, Birchandramanu, South Tripura.**
 Division: **Krishi Vigyan Kendra**
 Location: **Birchandramanu, South Tripura**
 Rate: **Tripura Schedule of Rates 2002 and approved rates**
 Scope: **Provision of drinking, laboratory and toilet water for KVK.**

Item No. & details of work to be executed		Rate	Amount	
Description	Quantity		In figure	In words
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Item No.9: Construction of cement concrete 1:2:4 (1 cement:2 River Sand:4 jhama brick aggregate 20mm size) Working Platform of 1.85m dia, 15cm thick with 100mm thick border and drain etc. i/c plastering, neat cement punning etc.	1 (one) job			

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Grand total (A+B)				
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Contd....P/2

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<p>Item No.9: Providing and placing on terrace at all floor levels ISI marked polythene water storage tanks as per IS 12701 with manhole lid and suitable locking arrangement i/c making holes for inlet, outlet and overflow pipe, but without fittings and the base support for tank as per clauses of chapter 20 of CPWD specification, 1000 ltr capacity.</p>	<p>2 Nos.</p>			

Total of rates from Item No. 1 to 9) (A)				
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