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Website : http://www.cpcrri.gov.in

F.No:40(3)-2017 -Estate

Date :11.05.2018

Sri B. Balakrishna Naik  
PWD Contractor  
Kappakere House  
Ujurpade Post  
Balnadu,Puttur.

Sub : Work "Developing of Roof Water Harvest tank with HDPE lining behind Chandragiri Guest House, Pachakad at CPCRI, Kasaragod- reg  
Ref : Your quotation dated 23.03.2018

Sir,

Your quotation cited above to execute the work "Developing of Roof Water Harvest tank with HDPE lining behind Chandragiri Guest House, Pachakad at CPCRI, Kasaragod at a total cost of Rs. 2,49,948/- (Rupees Two lakh forty nine thousand nine hundred forty eight only including tax) has been accepted and accordingly the work is hereby awarded to you for execution. You are therefore requested to take up the work and complete the same within 30 days. The order is further subject to the following terms and conditions.

Terms and conditions:

1. The work should be executed strictly as per the directions from the Shri Ajith Kumar, Technical Officer (Civil Engineer) of the Institute from time to time.
2. The Institute will not be responsible for any loss/damage/casualty suffered by the Contractor while executing the work, provided there wasn't any mistake on the part of the contractor.
3. Any loss or damage etc. caused to the Institute properties while carrying out the work should be made good failing which necessary action will be initiated to recover the cost of the same.
4. No work tools/implements will be supplied by this Institute.
5. The payment will be made only after satisfactory completion of the whole work to our satisfaction & as per specification.
6. No part payment is payable.
7. Non-completion of the work or part thereof for any invalid reasons within the period prescribed is liable for cancellation and no claims for such works will be entertained under any circumstances and deposits made thereof will be forfeited.
8. Not less than minimum rate of wages fixed for the respective category should be paid to the workers. All requirements under labour laws should be fulfilled.

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9. Defects liability period: Performance Security will be released only after six months from the date of completion of the work provided that the contractor has attended to all the complaints informed to him within the liability period.
10. The contractor or his worker should not use the office toilets and should not waste the water from the office building.
11. Any defective workmanship found shall be rectified at his cost which may include the materials spoilt/wasted paints due to negligence etc.
12. The contractor shall, on written request of the Director or his representative on the site, immediately dismiss from the work any person employed by him thereon, who may in the opinion of the Director be incompetent or misbehaves himself and such persons shall not again be allowed to work without the written permission of the Director.
13. On completion of the work it should be ensured that premises & its surroundings are cleaned (including removal of paints fallen etc.)
14. Income Tax will be deducted as per rule from the work bill. GST and other tax if applicable will be paid directly to the concerned department by the contractor as per rule and same show in final bill. Further after remittance copy of the same should be furnished at this Office. The performance security will be release after remit the same.
15. Prior permission may be obtained for electricity/water facility, if required, subject to payment for the same.
16. The period of 30 days allowed for carrying out the work will be reckoned after 10 days from the date of receipt of this order.
17. The contractor shall debit the Performance Security within 10 days from the issue of work order. The period can be further extended at the written request of the contractor for the period of 10 days with late fee at the rate of 0.1% per day of Performance Security amount.
18. The work should be completed within the time limit itself failing which the work order will be cancelled and action taken to complete the remaining work at your risk and cost including forfeiture of security deposit.
19. In case any extension of time is granted beyond the stipulated period for completion of the work due to any unavoidable genuine circumstances as may be decided by the competent authority, penalty clause to be imposed @ 0.25% per month (maximum to 2.5% of the total cost of the work) if work not completed within schedule time or within mutually extended period.
20. The Director of this Institute reserves the right to reject the work as a whole, if the execution is not satisfactory or does not conform to the approved specification.
21. In the event of change of address, that may be informed to the office immediately.
22. If water and electricity is availed from the institute by the contract agency then 1.5% of the billed amount shall be deducted from the final bill. If only water supply is availed, then 1% of the billed amount shall be deducted. 0.5% in terms of electricity.

You may remit a Performance Security of Rs. 24,995/- (Rupees Twenty four thousand nine hundred ninety five only) being the 10% of contract value by DD, FD Receipt or Bank Guarantee from the Commercial Bank in an acceptable form before commencement of the work. The Bid Security deposited along with the tender will be refunded immediately on furnishing the Performance Security (If bank guarantee is produced the period of release of bank guarantee will be given by the office including release of the same).

Please acknowledge receipt of this order and confirm acceptance within 7 days from the date of receipt of this letter.

Yours faithfully,  
Sd/-

Copy to :

1. The Asst. Labour Commissioner(Central), Office of the Regional Labour Commissioner, Kendriya Shram Sadan, Olimugal, By pass Road, Kakkanad, Kochi 682 030.
  2. The Finance and Accounts Officer, CPCRI, Kasaragod. **Head of Account "118203 Repair and Maintenance (Minor work ) (Revenue)2018-19.**
  3. The AAO(Bills), CPCRI, Kasaragod.
  4. Shri Ajith Kumar, Technical Officer (Civil Engineer) CPCRI, Kasaragod, it may please be ensured that the contractor is permitted to commence the work at the work site immediately on receipt of security deposit. It may be ensured work is completed within the prescribed time and according to the specifications as approved. The date of commencement of the work awarded may be intimated and progress of work reported periodically.
- 1683/5  
CPCRI, Website

Assistant Administrative Officer (Estate)



Name of the Work: Developing of Roof Water Harvest tank with HDPE lining behind Chandragiri Guest House, Pachakad at CPCRI, Kasaragod

Schedule of Work

Sl.No.	Description of the work	Unit	Approx.Qty.	Rate	Amount (Rs.)
1	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqmt	600.00	6.00	3600.00
2)A	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil for Rain water Channel Hedge side 30.00Rmt	Cumt	14	192.00	2688.00
2)B	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : 2.10.1 All kinds of soil Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia metre	Rmt	27.00	345.00	9315.00
3) 3A)	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means 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. The rate/work shall include cost and conveyance of all materials, hire charges, diesel, oil, repair taxes etc and providing making approach roads to the above site and for the completion of work as directed hire charges of diesel, leveling complete for entire work as directed. All kinds of soil.	Cumt	380.00	255.00	96900.00

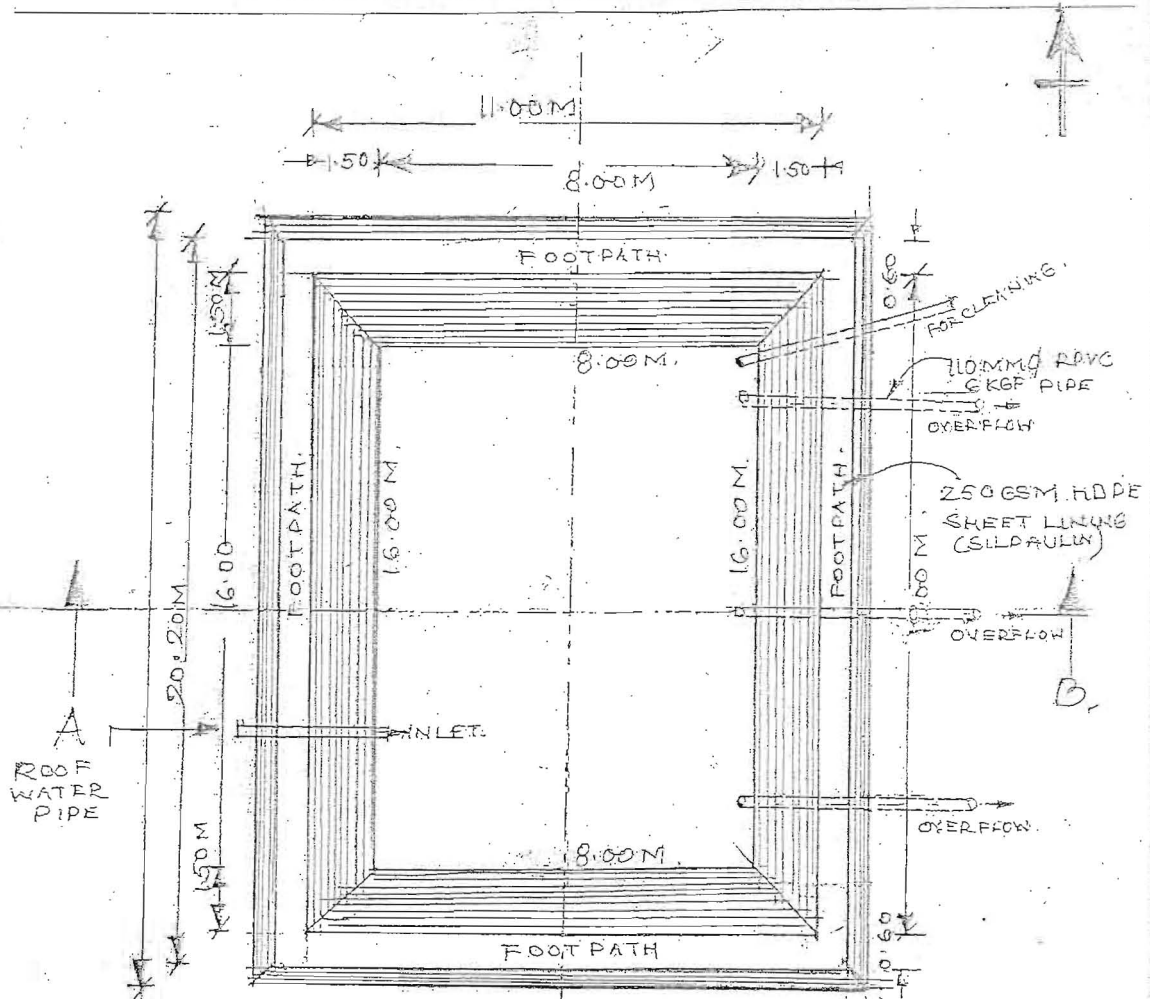
3B)	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All kinds of soil From 1.50mts upto 3.00Mts	Cumt	127.00	80.00	10,160.00
4)	Labour charges towards dressing the filled soil, and pond, internal periphery so as to form an earthen bund to the required shape, size and dimension and slope. The work shall include pugging, watering, ramming, consolidation at every 50 cms interval, maintaining slope, and repetition upto the top level 3.00 mts from bottom. Filling the center portion of bund using available pit stone, boulders etc. And ramming/consolidation of the slope by using hand rammers (POLIMANE) as directed by O.I.C (MAINT).	Sq.mt.	475.00	55.00	26125.00
5)	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 coarse sand (Zone III) : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:  Inside dimensions 455x610 mm and 45 cm deep for single pipe line : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	1	7500.00	7500.00
6)	Supplying , laying/spreading and covering the water Harvest pond using 250 GSM ultra violet stabilized SILPAULIN polyethylene sheets HDPE Virgin Grade (High Density Polyethylene confirming to IS 14611-1998 to the frame work as directed. The rate shall also include providing reinforced end holes extra strengthened at the corners for easy fixing to the end walls. The work shall include Heat welding sealing of HDPE sheets including sealing the sheets with automatic pressure and temperature adjusting machines , overlapping, stitching, heat welding, corner bracing and securing tightly to the bottom wall hooks, cost and conveyance of all materials, labor, wastage etc. complete. (Note ;The given quantity reflects the actual surface area covered and not the total area of sheets consumed in the process of Installation)	Sqmt	465.00	158.00	73,470.00
7)	Providing and Laying UPVC pipe 110mm dia (outer diameter )6Kgf/cm2 with threaded ends confirming to IS 4985:2000 from Chamber to inlet of tank , and from base to outside for cleaning purpose underground , as overflow pipe. The work shall include cutting ,fixing , bends elbows , joining using cement solvent ,the pipe inside the filled up soil the and refinishing etc complete as directed. (KISSAN/PHENOLEX/SUNRISE/HYCOUNT)etc complete as directed	Rmt	45.00	395.00	17,775.00

8)	Supplying and fixing RPVC Accessories confirming to IS 4958 , 6Kgf/cm2 as per direction				
8)A	110MM RPVC Ball valve	Each	3	395.00	1185.00
8)B	110mm RPVC End cap	Each	3	50.00	150.00
8)C	Elbow 90 degree	Each	6	180.00	1080.00
				Grand Total Rs.	2,49,948.00
Rupees Two lakh forty nine thousand nine hundred forty eight only					

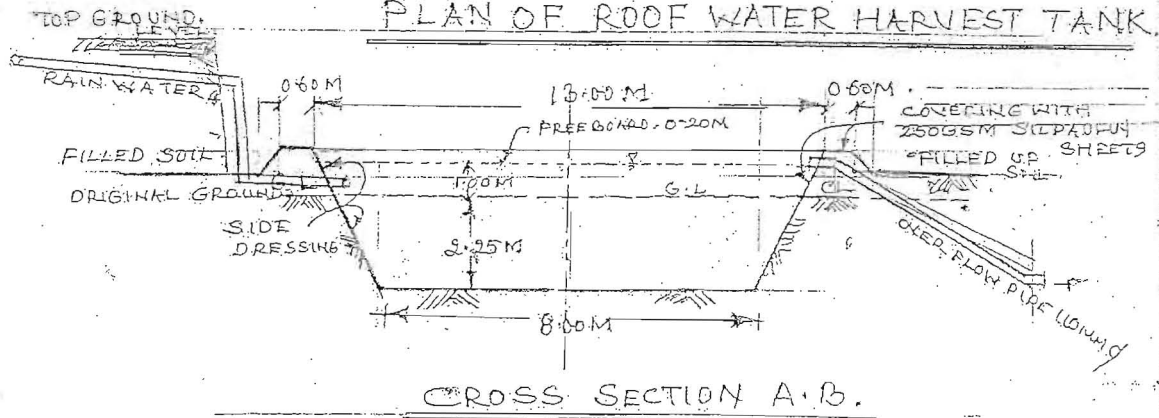


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# DEVELOPING OF ROOF WATER HARVEST TANK WITH HDPE LINING BEHIND CHANDRAGIRI GUEST HOUSE, PACHHAKAD AT ICAR- C.P.C.R.I., KASARAGOD - 671 124.



PLAN OF ROOF WATER HARVEST TANK



CROSS SECTION A.B.



भाकृअनुप - केंद्रिय रोपण फसल अनुसंधान संस्थान  
 कासरगोड, केरल - 671 124 भारत  
 ICAR - Central Plantation Crops Research Institute  
 Kasaragod - 671 124, Kerala, India  
 (An ISO 9001:2009 Certified Institute)



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