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KERALA AGRICULTURAL UNIVERSITY
Regional Agricultural Research Station, Pilicode
Kasaragod Dist – 671310

No.B2-4783/2021(ii)

Dated: 31.12.2021

TENDER NOTICE

Tender Number	B2-4783/2021(i)
Tender Cost	Rs. -616/-
GST (18%)	Rs.111/-
Amount of EMD to be paid	Rs.3080/-
Last date and time for receipt of tender	12 /01/2022 3.00 PM
Last date and time for opening of tender	12/01/2022 3.30 PM
Date up to which the rates are to remain firm for acceptance	Up to 31/03/2022
Designation and address of officer to whom the quotation is to be addressed	The Associate Director, Regional Agricultural Research Station (North Zone) Pilicode – 671310
Place of Supply	RARS Pilicode
Superscription: “Tender for construction of Toilet block near Thirumunbu Bhavanam”-	

Sealed competitive tenders are invited for the construction of Toilet block near Thirumunbu Bhavanam at RARS Pilicode

DETAILED ESTIMATE								
Name of work: Proposed Toilet block near Thirumunp at RARS, Pilicode (size 1.20x1.50 m 2nos)								
1	2.6.1 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 disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed. All kinds of soil							
	foundation	2	3.400	0.600	0.600	1.0	2.45	
	leachpit	1	3.500	2.500	2.500	1.0	21.88	
Total Quantity							24.32	
	say	24.32	cum	210.02	/cum			
2	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4 :8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 no minal size)							
	inside	2	1.200	1.500	0.100	1.0	0.360	cum

		total					0.360	cum
	say	0.360	cum	6687.210	/cum			
3	od 43950/2021-2022 null Laterate masonry with neatly dressed laterate stone of size 30x20x20cm or nearest size in cement mortar 1:6 for foundation and basement including all cost of materials, labour charges etc.							
	foundation	2	3.400	0.600	0.600	1.0	2.448	
		3	1.100	0.600	0.600	1.0	1.188	
	basement	2	3.100	0.300	0.600	1.0	1.116	
		3	1.400	0.300	0.600	1.0	0.756	
	leachpit	2	3.000	0.300	2.500	1.0	4.500	
		3	1.500	0.300	2.500	1.0	3.375	
	step	1	1.800	0.600	0.200	1.0	0.216	
		1	1.800	0.300	0.200	1.0	0.108	
		1	1.800	0.900	0.200	1.0	0.324	
	total						14.031	
	say	14.031	cum	5673.950	cum			
4	od43949/ 2021-2022 null Laterate masonry with neatly dressed laterate stone of size 30x20x20cm							
	wall	2	3.000	0.200	2.800	1.0	3.36	
		3	1.500	0.200	2.800	1.0	2.52	
	deduction door	-2	0.800	0.200	2.000	1.0	-0.64	
	total						5.240	
	say	5.240	cum	6407.140	/cum			
5	5.2.2 Reinforced cement concrete walls (any thickness) , including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers , abutments, post and struts etc. up to floor five level excluding cost of centering shuttering , finishing and reinforcement 1:1. 5:3 (1 cement :1.5 coarse sand: 3graded stone aggregate 20mm nominal size).							
	lintel	2.000	3.000	0.200	0.200		0.240	
		3.000	1.500	0.200	0.200		0.180	
	slab	1.000	4.200	3.100	0.120		1.562	
	leach pit slab	1.000	3.000	1.900	0.150		0.855	
	total						2.837	
	say	2.837	cum	10748.820	cum			
6	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more							
	RCC qty	2.837	@	120.000	kg/cum		340.488	
	say	340.488	kg	94.840	kg			
7	5.9.3 Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform							
	slab	2.000	1.500	1.200	1.000		3.600	

		2.000	4.200	0.600	1.000		5.040		
		2.000	1.900	0.600	1.000		2.280		
	edge	1.000	14.200	0.120	1.000		1.704		
	lintel	2.000	2.000	3.000	0.200		2.400		
		3.000	2.000	1.500	0.200		1.800		
		total						16.824	sqm
	say	16.824	sqm	800.470	sqm				
8	13.1.1 12 mm cement plaster of m ix: 1:3 (1 cement : 3 fine sand)								
	wall outer	1	9.800	3.400		1.0	33.32		
	inside	1	5.400	1.000		1.0	5.40		
	deduct door	-2	0.800	2.000		1.0	-3.20		
		Tota l Quantity					35.52		
	say	35.52	sqm	308.22	/sqm				
9	13.16.1 6 mm Cement plaster of mix 1: 4 (1 c ement: 4 fin e sand)								
	ceiling	2.00	1.20	1.50			3.60		
	out side	2.00	4.20	0.60			5.04		
		2.00	1.90	0.60			2.28		
	top	1.00	4.20	3.10			13.02		
							23.94		
	say	23.94	sqm	279.21	sqm				
10	11.36 Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer -in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.								
	toilet	2.00	2	1.2	1.8		8.64		
		2.00	2	1.5	1.8		10.80		
							19.44	sqm	
		19.44 sqm					1029.61	sqm	
11	11.37 Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete.								
	toilet	2.00	1.2	1.5			3.60		
	step	1.00	1.5	1.2			1.80		
		total					5.40	sqm	
	say	5.40	sqm	951.58	sqm				
12	9.123 Providing and fi xing factory made door frame (single rebate) made of single piece extruded solid pvc foarm								
	door	2.00	4.8	9.60					
		total					9.60	m	

	say 9.60 m 526.28 m						
13	9.124.1 Providing a nd fixing factory made 30mm thick door shu tter made of solid PV C form						
	door	2.00	0.8	2		3.20	sqm
	total					3.20	sqm
	say	3.20	sqm	3505.49	sqm		
14	17.2.2 Providing and fixing white vitreous china pedestal type wa ter closet (European t ype W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including fl ush pipe, with manually controll ed device (handle lever) , conformi ng to IS : 7231, with all fittings and fixtures complete, incl uding cutting and maki ng good the walls and floors wherever required: W.C. pan with ISI mar ked black solid plastic seat and lid						
		1.00	2			2.00	
	say 2.00 no 4693.87 no						
15	50.17.1.4 Supplying and fixing CP Health faucet good quality including cost of materials and labour charges etc. complete as per the direction of site engineer-in-charge.						
		1.00	2	2.00			
	say 2.00 no 757.77 no						
16	Supply and fixing CP long body tape 15mm nominal dia						
	1	2.00	2.00				
	say 2.00 no 934.34 no						
	Supplying and fixing CP stop cock						
		2.00	3	6.00	no		
	say 6.00 no 852.22 no						
17	50.18.8.4.1 Providing and fixing PVC pipes, fittings including fixing the pi pe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc 32mm pipe 10Kgf/cm ²						
		1.00	20	20 m			
	say 20.00 m 340.14 m						
18	50.18.9.9.1 Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of Joints complete as per direction of engineer in charge. 110 mm dia 6Kgf/cm ²						
		1.00	20	20.00	m		
	say 20.00 m 438.11 m						
19	13.48.1 finishing with Delux multisurface paint system for interior and exterior using primer as per manufacture specification : two or more coat applied on walls @ 1.25ltr/10sqm over and including one coat of special primer applied @ 0.75ltr/ 10sqm						
	same qty for plasteres area					59.46	sqm
	say	59.46	sqm	164.22	sqm		
20	Electrification charges LPS						

Terms and conditions

1. **Tender form**

The Tender form shall be downloaded from the following link in the internet- www.kau.in/tenders OR rarspil.kau.in/tenders. The same should be submitted duly signed along with other documents.

2. **Earnest Money Deposit:** An EMD of **Rs.3080/-** should be remitted by separate DD drawn in favour of Associate Director, Regional Agricultural Research Station, Pilicode Pin-671310.
3. The cost of tender form, GST and EMD will be accepted by way of separate DDs in favour of Associate Director, Regional Agricultural Research Station, Pilicode, Pin 671310.

Agreement:-

4. The tender should be accompanied by an Agreement in Kerala stamp paper worth Rs.200/-(Rupees Two hundred only) in the format that can be downloaded from the website www.kau.edu/tenders OR rarspil.kau.in/tenders.
5. The sealed cover containing the tender documents should be super scribed as "Tender for construction of Toilet block near Thirumunbu Bhavanam"- **The cover should contain the DDs for tender cost, GST, EMD and the Agreement as mentioned above.**
6. The successful tenders should execute an agreement in Kerala Stamp paper worth Rs.200/-(Rupees Two hundred only) and furnish a security deposit of 5% of cost of the rate quoted in the form of term deposit/bank guarantee/demand draft drawn in favour of Associate Director, Regional Agricultural Research Station, Pilicode, Pin 671310, Kasargod, District payable at the State Bank of India, Kayyur (Branch code SBTR000573), when directed from this office.
7. The rate, tax and other charges if any should be separately stated.
8. The Associate Director has the right to accept or reject any or all of the offers without assigning any reason.
9. The successful tenderer shall initiate the work/supply the item within one week of award and should finish the supply within one month.
10. If any hartal/strike/any unexpected holiday occurs on the date of opening of tender, the tender will be opened at the same time on the next working day.
11. All the rules and regulation applicable to government tender will be applicable to this tender also.

*Enquiries if any may be mailed to rarspil@kau.in or contact 04672260632 during office hours.

Sd/-

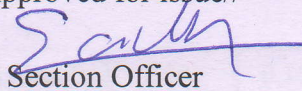
Dr.Vanaja T
Associate Director

ASSOCIATE DIRECTOR
REGIONAL AGRIL. RESEARCH STATION (NZ)
KERALA AGRICULTURAL UNIVERSITY
PILICODE - 671310

To: 1. Notice Board/KAU website

2. Sri.Surendran P V, Farm Superintendent (Thirumunbu Project)
3. Panchayath Office, Pilicode/Cheruvathur
4. Nileshwaram Municipality.

//Approved for issue//


Section Officer

