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ICAR-Central Soil Salinity Research Institute

(A Unit of Indian Council of Agril. Research)

Zarifa Farm, Kachhwa Road,

KARNAL-132001 (Haryana) India



फा.सं- W-1(17)/K/HTM/2019-20

Date : 01.12.2020

टैण्डर नं.-4/2020 (वर्क)

विषय:- Construction of HT Meter Room at CSSRI, Karnal.

महोदय,

उपरोक्त कार्य को करने के लिए सीलबंद Tender आमन्त्रित किये जाते हैं। कार्य का ब्योरा, नियम व शर्तें संलग्न हैं। Tender का लिफाफा सीलबंद होना चाहिये। यदि सीलबंद नहीं हुआ तो वह स्वीकार नहीं किया जायेगा तथा निरस्त किया जा सकता है। Tender लिफाफे पर कार्य का नाम व अन्तिम तिथि आवश्यक रूप से लिखी होनी चाहिये अन्यथा Tender मान्य नहीं होगा। Tender प्राप्त करने की अन्तिम तिथि 23-12-2020 समय 11.00 बजे पूर्वाह्न है व दिनांक 23-12-2020 को 2.30 बजे तक टैण्डर बाक्स में Tender डाला जा सकता है एवं 23-12-2020 को ही फर्म के मनोनीत की उपस्थिति में 3.00 बजे अपराह्न में Tender खोले जायेंगे। इच्छुक फर्म अपने सीलबंद Tender को पूर्ण विवरण एवं संलग्न दस्तावेजों आदि के साथ निदेशक, केंद्रीय मृदा लवणता अनुसंधान संस्थान, करनाल के नाम पर रजिस्टर्ड/स्पीडपोस्ट/डाक/कोरियर द्वारा भेजें या व्यक्तिगत तौर पर आकर टैण्डर बाक्स में डालें। जोकि संस्थान के सुरक्षा अनुभाग में रखा गया है। देय तिथि व देय समय के पश्चात प्राप्त कोई भी Tender किसी भी रूप में स्वीकार नहीं होगा। यह सूचना संस्थान की वेबसाइट www.cssri.org तथा CPP Portal पर उपलब्ध हैं।

प्रभारी (कार्य-प्रशा.)



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फा.सं-W-1(17)/k/HT Meter/2020-21

दिनांक:-12.11.2020

TENDER FORM NO. 4/2020 (WORKS)

On behalf of Secretary ICAR, Director, CSSRI, Karnal . invites sealed tenders from reputed contractors for the under mentioned work for CSSRI, Karnal.

Sr. No.	Description of Items	Place of Work	EMD Amount
1.	Construction of HT Meter room at CSSRI,Karnal	CSSRI, Karnal	20,000.00

TERM & CONDITION

- 1 The envelope containing tender and other documents should be clearly written the name of the work. Reference no. closing date failing which the tender will be returned without opening.
- 2 The contractor should mention the correct postal address and contact no. The contractor should inform to the office in writing immediately about any change. Institute shall not be responsible for non – receipt of document due to postal delay/ undelivered/ non- recipient at your end.
- 3 The item wise rate may be quoted on the printed letter pad of the firm (If required) after inspection of site and clarification in respect of the detail of the tender document can be sought from OIC, Estate, CSSRI, Karnal.
- 4 Work shall be carried out as per the instruction, direction and satisfaction of OIC, Electrical CSSRI, Karnal.
- 5 The rate should include all labour and materials charges, transportation, tool and tackles etc. as required for completing the work.
- 6 The work should be started within 3 days from the date of issue of work order and phonic message failing which the performance security to be forfeited on the recommendation of the OIC, Electrical, CSSRI, Karnal.
- 7 The Director shall have the liberty to postpone or not to execute any item of work and the contractor shall not be entitled to any compensation for non execution of such items of work.
- 8 All the material purchased for AMC shall be as per the CPWD/ISI/BIS standards/specification and got approved by the OIC, Electrical, CSSRI, Karnal.
- 9 The contractor should submit the detail of the measurement in A4 size paper (typed) standard format for the items of work executed under the agreement after completion of work duly signed and verification of the OIC, Electrical, CSSRI, Karnal.
- 10 In case of dis-satisfactory work the contract may be terminated at any time and in such case the performance security deposited shall be forfeited.

11 The contractor has to deposit Security Deposit @ 5% of the total estimated cost through D.D./ Bank Guarantee for the period of contract towards proper performance of the contract within 15 days of issue communication letter for acceptance of rates by the Institute which shall be released after one year of successful completion of completed works.

12 The contractor has to pay minimum wage as per the rate of government instructions time to time to their labors force engaged for the civil work.

13 All other liabilities including taxes such as Income Tax and other taxes, labour cess, sale tax/Vat, service tax, ESI/EPF etc. imposed by the government from time to time shall be deducted from the bill of contractor.

14 The Director, CSSRI, Karnal reserves the right to accept or reject any or all the quotation/ tenders without assigning any reason there of and the decision of the Director, CSSRI, shall be final and binding to all concerned parties.

15 The Director, CSSRI, Karnal also reserve the right to cancel the work, after award of work due to any administrative/ technical reason.

16 The Director, CSSRI, Karnal shall be the sole arbitrator for all disputes between contractor and the Institute. The decision of Director shall be final and binding to both the parties.

18 Any type of official impliments and help will not be provided by the office.

19 All precautionary safety measure have to be followed and risk if any, is to be borne by the contractor. Office will not be responsible for any miss-happening, if caused, during the execution of work to the contractor or his worker.

20 The Demand draft /banker performance security of EMD should be prepared for the work in favour of Director ICAR-CSSRI,Karnal .

21.The latest photo copy of license for contractor ship must also be attached.

Documents (Photocopy) to be submitted along with tender/quotation.

A. ITR of last FY. In case of non-availability of ITR of 2019-20, ITR of 2018-19 must be submitted.

B. PAN Card

C. Registration of the firm for said business.

D. GST registration certificate of the firm.

E. Experience of at least one year in providing similar work/service during last three years.

. Bank Details.

Signature.....

Name of contractor.....

Full address.....

.....

.....

Mobile no.....

Bank Name.....

Bank A/c No.....

PAN No.....

GST no.....

Registration No.....

rk : Estimate for renovation of existing Watchman hut, Boundary wall & Its Grill for construction of Electrical HT Meter and Panel
(Based on DSR 2018)

	Description of Item	Qty.	Unit	Rate	Amount
	Dismantling				
	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	0.31	cum		
13	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:	2	each		
13.1	Of area 3 sq. metres and below				
19	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	270.25	kg		
	EARTHWORK				
	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m; disposed earth to be levelled and neatly dressed.	8.28	cum		
6.1	All kinds of soil	5.52	cum		
26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth: consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m				
	Trenching				
10	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			10.3	metre
2.10.1.1	Pipes, cables etc, not exceeding 80 mm dia.				
	CONCRETE WORK				
4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering. All work upto plinth level.				
4.1.10	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal sie)	1.53	cum		

4.1	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size).	3.74	sq.m.
4.13	Applying a coat of residual petroleum bitumen of penetration 80/100 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil	3.74	sqm.
5.3	REINFORCED CEMENT CONCRETE Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) Centring and shuttering including strutting, propping etc. and removal of form for removal of form for.	8.59	cum
9.3	Suspended floors, roofs, landings, balconies and access platform.	42.95	sqm
22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.		
22.3	Cold twisted bars	962.00	kg.
	BRICK WORK Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand) Extra for brick work in superstructure above plinth level upto floor V level for each four floors or part thereof by mechanical means by lifting material using mobile crane.	11.55	cum
1		7.26	cum
2	Half brick masonry with F.P.S. brick of class designation 75 in foundations and plinth in : cement mortar 1:4 (1 cement : 4 coarse sand) Extra for half brick masonry in superstructure, above floor V level for every four floors or part thereof by mechanical means by lifting material using mobile crane.	29.74	sqm
2.2		29.74	sqm
4	FINISHING 15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement : 6 fine sand) 12 mm cement plaster of mix : 1:4 (1 cement : 4 fine sand) 6 mm cement plaster 1:3 (1 cement : 3 fine sand) finished with a floating coat of neat cement and thick coat of Lime wash on top of walls when dry for bearing of R.C.C. slabs and beams.	77.75	sqm
2		57.10	sqm
2.2		26.25	sqm
4	FLOORING		

18	11.4	52 mm thick Cement concrete flooring with concrete hardener toping under layer 50 mm thick cement concrete 1:2.4 (1 cement : 2 coarse sand : 4 graded stone aggregate (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	26.25	sqm
227		Supplying and filling in plinth with local sand under floors including, watering, ramming consolidating and dressing complete.		
287		Brick Aggregate (Single size) : 40 mm nominal size	39.38	cum
10.2		STEEL		
		Structural steel work riveted or bolted in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	2.63	cum
13.44		PAINT Work	391.49	kg
13.44.1		Finishing walls with water proofing cement paint "Snowcem - Plus" of M/s Snowcem India Ltd., or equivalent of required shade :		
13.5		New work (Two or more coats applied @ 3.84 kg/10 sqm)		
13.50.3		Applying priming coat :		
		With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works	79.99	sqm
13.40		Distemping with dry distemper of approved brand and manufacture (two or more coats) and of required shade on new work, over and including priming coat of whitening to give an even shade.	52.50	sqm
13.45		Finishing walls with textured exterior paint of required shade :		
13.45.1		New work (Two or more coats applied @ 3.28 ltr/10 sum) over and including base coat of water proofing cement paint applied @ 2.20kg/10 sum.	114.7	sqm
13.62		Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade.		
13.62.1		Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	79.99	sqm
13.8		Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. sqm	52.5	sqm
		Steel Work		
			194.69	sqm

10.6 Supplying and fixing rolling shutters of approved make, made of required size M.S. laths interlocked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.5cm long wire springs grade No.2 and M.S. top cover of required thickness for rolling shutters.

10.6.1 80x1.25mm M.S. laths with 1.25 mm thick top cover. 15 sqm
 10.9 Extra for providing grilled rolling shutters manufactured out of 8 mm dia. M.S. bar instead of laths as per design approved by Engineer-in-charge. (area of grill to be measured). 7.5 sqm

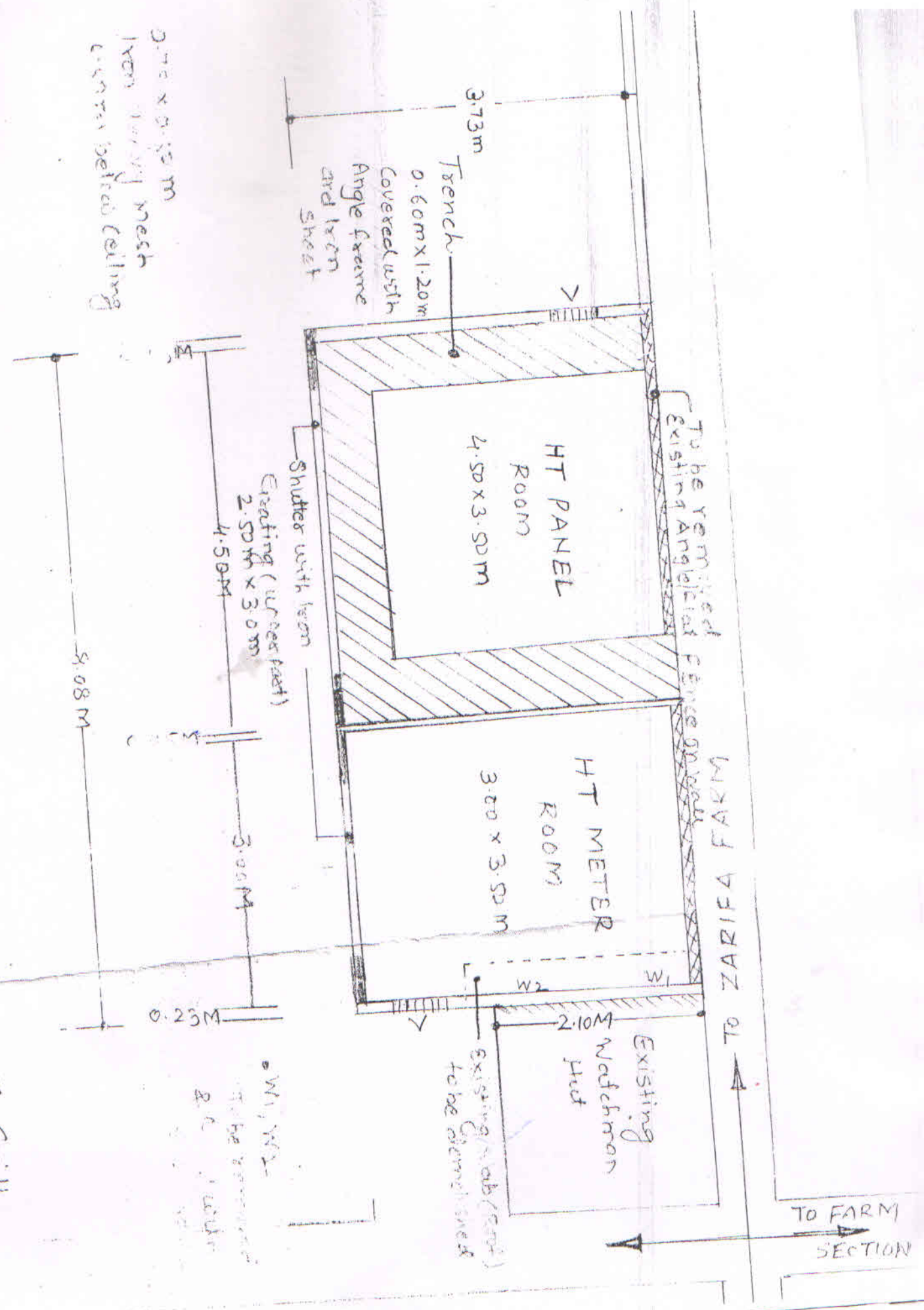
Roofing

12.15 Painting top of roofs with bitumen of approved quality at 17kg per 10 sum impregnated with a coat of coarse sand at 60 cudm per 10sqm including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete :

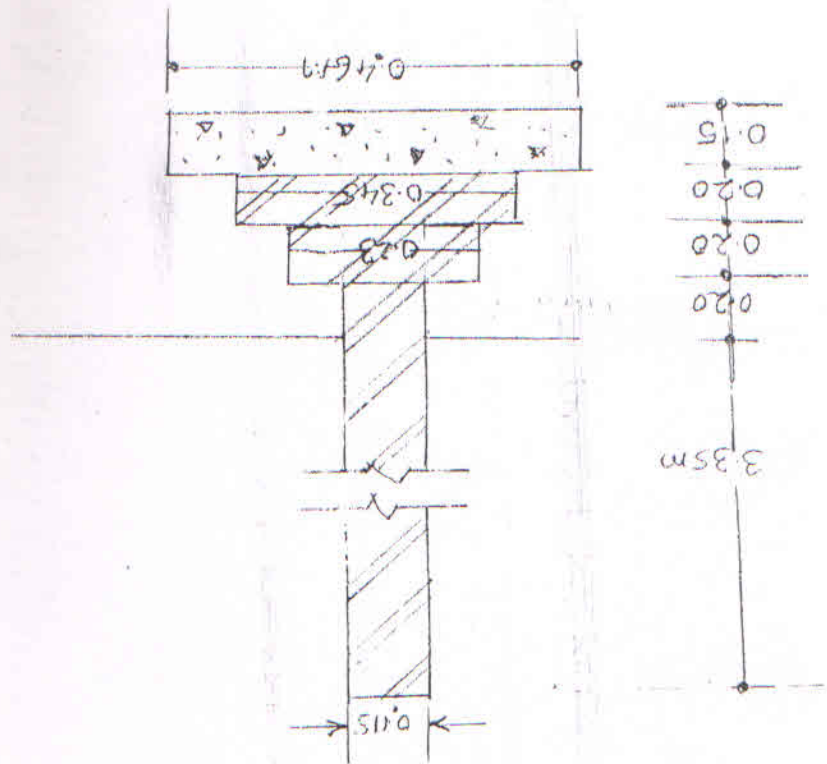
12.15.1 With residual type petroleum bitumen of penetration 80/100 26.67 sqm
 12.16 10 cm thick (average) mud phaska of damped brick earth on roofs laid to slope consolidated and plastered with 25 mm thick mud mortar mixed with bhusa at 35 kg per cum of earth and gobi leaping with mix 1:1 (1 clay : 1 cow dung) and covered with flat tile bricks of class designation 100 grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement and finished neat :

12.16.1 With F.P.S. brick tiles 26.67 sqm
 4.17 Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone - III) : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth. 5.91 sqm

Sub: Renovation of existing Watchman Hut and Boundary Wall, Grill.
 at structural HT meter and Panel Room.



X-SECTION OF 0.115M (4") WALL



X-SECTION OF 0.23m (9") WALL

