

REGISTERED POST

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
CENTRAL ARID ZONE RESEARCH INSTITUTE, JODHPUR

No.F. 15 (1)/11-12/Chowkidar Hut/Adm-V
To,

Dated:

M/S.....
.....
.....
JODHPUR.

Sub: Quotation for Providing & fixing of two chowkidar Hut at CAZRI, Jodhpur.

Dear Sir(s),

You are requested to kindly quote your lowest rates keeping in view the following conditions in respect of the articles indicated overleaf/as per statement enclosed (Schedule to Tender).

1. No advance payment will be made. However, the payment is normally made within 30 days from the date of receipt of Bill for execution the work **in good condition as per order.**
2. The quantity proposed in the quotation may be increased or decreased at the discretion of the authority while placing the order.
3. Quotation not found according to specification will be rejected/not considered.
4. The firm should also supply a copy of the authorized dealership certificate of the item, if applicable
5. Quotation should remain valid for 3 months from the date of quotation.
6. No. Form 'C' & 'D' for sales tax will be issued. Payment will be made at full rate, if applicable. However, the firm is required to produce the valid sales tax Registration No. The firm should also indicate PAN/TIN as per Income Tax Rules.
7. The Rates **should be clearly indicated in figure as well as in words.** While quoting the rates, it may be clearly indicated whether the items are inclusive or exclusive of ST, CST etc. in terms of percentage or in absolute term.
8. Works will have to be completed normally within 30 days from the date of issue of work order or as mentioned in the supply order unless such extension is allowed by the Institute **failing which suitable penalty as indicated in the work order will be imposed.**
9. Director, CAZRI, Jodhpur reserves the right to accept or reject any or all the quotation without assigning any reason.
10. All bids must be accompanied by a bid security / **EMD of Rs. Nil** /- of the estimated value of the cost, in the form of a Demand Draft of a scheduled commercial bank in India, in favour of **ICAR Unit-CAZRI, Jodhpur.** Without EMD quotation will not be considered.
11. The firm awarded the contract may/will have to furnish a performance security in the form of Bank Guarantee as per the proforma to be supplied along with work order or FDR pledged to **"ICAR Unit - CAZRI, Jodhpur"** from a scheduled Commercial Banks or it may be deducted from bills for an amount which may vary from 5% to 10% of the value of the contract at the discretion of Director, which should remain valid for six months.
12. The quotation may be sent to the office by courier/Registered Post/Speed Post in sealed cover super scribed with **Chowkidar Hut at CAZRI, Jodhpur " Due date 30-01-2012 up to 3.00 PM.**
13. **The quotation** must be reached to this Office on or before **30-01-2012 up to 3.00 PM** failing which it will not be considered. The quotation should be dropped in the Tender Box placed in the Adm.V Section.

Yours faithfully,

ASSISTANT ADMINISTRATIVE OFFICER (ADM.V)

Name of Work: Providing & fixing of two (2) Chokidar at CAZRI, Jodhpur.

S.No.	Particular of work	Quantity	Rate to be quoted	Amount
1.	Structural steel work riveted, bolted or welded 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.	450 Kg.	@/ Kg.	.....
2.	Providing asbestos high impact Polypropylene reinforced cement 6 mm thick plain sheets (as per IS:14871) roofing up to any pitch and fixing with polymer coated J, or L hooks, bolts and nuts 8 mm dia GI plain and Bitumen washer or with self drilling fastener and EPDM washers etc. complete excluding the cost of purlins, rafters and trusses: corrugated sheets and including cutting to size and shape wherever required.	24.00 Sqm.	@/ Sqm.	.....
3.	P & F UV stabilised fiberglass reinforced plastic (F.R.P.) sheet roofing up to any pitch including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% Ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The Sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified. 2mm thick Flat.	10 Sqm.	@/ Sqm.	.....
4.	Providing and fixing M.S. sheet single leaf door shutters in angle iron frame 35 x 35 x 5 mm suitable diagonally braces with 25 x 3 mm flat iron above and below lock rail of size 50 x 5 mm bending extra including all fittings, as per direction of Engineer-in-charge but excluding cost of chokhats including two coats of anticorrosive red oxide primer paint MS sheet 18 SWG.	3.00 Sqm.	@/ Sqm	.....
5.	Renewing glass panes, with putty and nails wherever necessary : Float glass panes of thickness 4 mm	2.0 Sqm.	@/ Sqm.	.....
6.	Applying one coat of cement primer of approved brand and manufacture and wall surface: Cement primer.	48 Sqm.	@/ Sqm.	.....
7.	Finishing wall with water proofing cement paint of required shade : New work (Three or more coats applied @ 3.84 Kg/10 Sqm.)	48 Sqm.	@/ Sqm.	.....
8.	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	10 Sqm.	@/ Sqm.	.....

PAN NO.

TIN No.

Signature with seal of tenderer

REGISTERED POST

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
CENTRAL ARID ZONE RESEARCH INSTITUTE, JODHPUR

No.F. 8(7)/11-12/Vitrify Tile Adm. Block/Adm-V
To,

Dated:

M/S.....
.....
.....
JODHPUR.

Sub: Quotation for renovation of toilets and fixing of vitrified tiles in office of AO, CAO and FAO in Adm. Block of CAZRI, Jodhpur.

Dear Sir(s),

You are requested to kindly quote your lowest rates keeping in view the following conditions in respect of the articles indicated overleaf/as per statement enclosed (Schedule to Tender).

1. No advance payment will be made. However, the payment is normally made within 30 days from the date of receipt of Bill for execution the work **in good condition as per order.**
2. The quantity proposed in the quotation may be increased or decreased at the discretion of the authority while placing the order.
3. Quotation not found according to specification will be rejected/not considered.
4. The firm should also supply a copy of the authorized dealership certificate of the item, if applicable
5. Quotation should remain valid for 3 months from the date of quotation.
6. No. Form 'C' & 'D' for sales tax will be issued. Payment will be made at full rate, if applicable. However, the firm is required to produce the valid sales tax Registration No. The firm should also indicate PAN/TIN as per Income Tax Rules.
7. The Rates **should be clearly indicated in figure as well as in words.** While quoting the rates, it may be clearly indicated whether the items are inclusive or exclusive of ST, CST etc. in terms of percentage or in absolute term.
8. Works will have to be completed normally within 30 days from the date of issue of work order or as mentioned in the supply order unless such extension is allowed by the Institute **failing which suitable penalty as indicated in the work order will be imposed.**
9. Director, CAZRI, Jodhpur reserves the right to accept or reject any or all the quotation without assigning any reason.
10. All bids must be accompanied by a bid security / **EMD of Rs. 7800/-** of the estimated value of the cost, in the form of a Demand Draft of a scheduled commercial bank in India, in favour of **ICAR Unit-CAZRI, Jodhpur.** Without EMD quotation will not be considered.
11. The firm awarded the contract may/will have to furnish a performance security in the form of Bank Guarantee as per the proforma to be supplied along with work order or FDR pledged to **"ICAR Unit - CAZRI, Jodhpur"** from a scheduled Commercial Banks or it may be deducted from bills for an amount which may vary from 5% to 10% of the value of the contract at the discretion of Director, which should remain valid for six months.
12. The quotation may be sent to the office by courier/Registered Post/Speed Post in sealed cover super scribed with **"Renovation of toilets and fixing of vitrified tiles in office of AO, CAO and FAO in Admn. Block of CAZRI, Jodhpur "** **Due date 30-01-2012 up to 3.00 PM.**
13. **The quotation** must be reached to this Office on or before **30-01-2012 up to 3.00 PM** failing which it will not be considered. The quotation should be dropped in the Tender Box placed in the Adm.V Section.

Yours faithfully,

ASSISTANT ADMINISTRATIVE OFFICER (ADM.V)

**Name of Work: Estimate for renovation of toilets and fixing of vitrified tiles in office of
AO, CAO and FAO in Adm. Block of CAZRI, Jodhpur CAZRI, Jodhpur.**

S. No.	Particular of work	Quantity	Rate to be quoted	Amount
1.	P & L ceramic glazed floor tiles 300 x 300 mm (thickness to be specified by the manufacturer) of 1 st 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.	50 Sqm	@/ Sqm.	.....
2.	P & L polished vitrified floor tiles in different size (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS:15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) including grouting the joints with white cement and matching pigment etc. complete. Size of Tile 60 x 60 cm	160 Sqm	@/ Sqm.	.....
3.	P & F ISI marked flush door shutters conforming to IS:2202 (Part I) decorative type, core of block boar construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including ISI marked Stainless steel butt hinges with necessary screws.	4.50 Sqm	@/ Sqm.	.....
4.	P & F white vitreous china flat back or wall corner type lipped front urinal basin of 430 x 260 x 350 mm and 340 x 410x 265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : Range of three urinal basin with 10 litre white P.V.C. automatic flushing cistern.	2 Nos	@/ Each	.....
5.	P & F C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore.	6 Nos	@/ Each	.....
6.	P & F C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931 : 15 mm nominal bore.	9 Nos	@/ Each	.....
7.	P & F unplasticised P.V.C. connection pipe with PTMT Nuts collar and bush of approved quality and colour. 15 mm nominal bore with 45 cm length.	9 Nos	@/ Each	.....
8.	P & F PTMT extension nipple for water tank pipe fittings of approved quality and colour. 15 mm nominal bore Weighing not less than 32 gms.	12 Nos	@/ Each	.....
9.	P & F PTMT grating of approved quality and colour Circular type : 125 mm nominal dia with 25 mm waste hole	6 Nos	@/ Each
10.	P & F C.P. flange for 15 mm dia taps.	12 Nos	@/ Each

PAN NO.

TIN No.

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REGISTERED POST

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
CENTRAL ARID ZONE RESEARCH INSTITUTE, JODHPUR
Telephone and FAX : 0291-2786485

No.F. 10(6) /11-12/Paver Road-Silva/Adm-V

Dated:

To,

M/S.....

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JODHPUR.

Sub: Quotation for making cement concrete Inter-looking paver road in silva nursery of CAZRI, Jodhpur.

Dear Sir(s),

You are requested to kindly quote your lowest rates keeping in view the following conditions in respect of the articles indicated overleaf/as per statement enclosed (Schedule to tender).

1. No advance payment will be made. However, the payment is normally made within 30 days from the date of receipt of Bill for execution the work **in good condition as per order**.
2. The quantity proposed in the quotation may be increased or decreased at the discretion of the authority while placing the order.
3. Quotation not found according to specification will be rejected/not considered.
4. The firm should also supply a copy of the authorized dealership certificate of the item, if applicable
5. Quotation should remain valid for 3 months from the date of quotation.
6. No. Form 'C' & 'D' for sales tax will be issued. Payment will be made at full rate, if applicable. However, the firm is required to produce the valid sales tax Registration No. The firm should also indicate PAN/TIN as per Income Tax Rules.
7. The Rates **should be clearly indicated in figure as well as in words**. While quoting the rates, it may be clearly indicated whether the items are inclusive or exclusive of ST, CST etc. in terms of percentage or in absolute term.
8. Works will have to be completed normally within 30 days from the date of issue of work order or as mentioned in the supply order unless such extension is allowed by the Institute **failing which suitable penalty as indicated in the work order will be imposed**.
9. Director, CAZRI, Jodhpur reserves the right to accept or reject any or all the quotation without assigning any reason.
10. All bids must be accompanied by a bid security / **EMD of Rs. 5500/-** of the estimated value of the cost, in the form of a Demand Draft on a scheduled commercial bank in India, in favour of **ICAR Unit-CAZRI, Jodhpur**. Without EMD quotation will not be considered.
11. The firm awarded the contract may/will have to furnish a performance security in the form of Bank Guarantee as per the proforma to be supplied along with work order or FDR pledged to "**ICAR Unit - CAZRI, Jodhpur**" from a scheduled Commercial Banks or it may be deducted from bills for an amount which may vary from 5% to 10% of the value of the contract at the discretion of Director, which should remain valid for six months.
12. The quotation may be sent to the office by courier/Registered Post/Speed Post in sealed cover super scribed with "**making Inter-looking paver road in silva nursery of CAZRI, Jodhpur** " **Due date 30-01-2012**.
13. **The quotation** must be reached to this Office on or before **30-01-2012 up to 3.00 PM** failing which it will not be considered. The quotation should be dropped in the Tender Box placed in the Adm.V Section.

Yours faithfully,

ASSISTANT ADMINISTRATIVE OFFICER (ADM.V)

Name of Work: Estimate for making cement concrete Inter-looking paver road in silva nursery of CAZRI, Jodhpur.

S. No.	Particular of work	Quantity	Rate to be quoted	Amount
1.	Earth work in rough excavation, banking excavated earth in layers not exceeding 20 cm in depth, breaking clods watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers, and rolling every 3 rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depression, lead up to 50 m and lift upto 1.5 m	75 Cum	@/ Cum.	.....
2.	P & L in position cement concrete of specified grade excluding the cost of centering and shuttering- All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	37.50 Cum	@/ Cum.	.....
3.	P & L 60 mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction and of approved size and design/shape laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with coarse sand etc. all complete as per the direction of Engineer-in-charge	250 Sqm	@/ Sqm.	.....
4.	P & L at or near ground level factory made kerb stone of M-25 grade cement in position to the required line, level and curvature jointed with cement mortar 1:3 (1 cement : 3 coarse sand) including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm) including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment).(Precast C.C. kerb stone shall be approved by Engineer-in-charge).	4 Cum	@/ Cum.	.....

PAN NO.

TIN No.

Signature with seal of tenderer

SHORT TERM N.I.T.

REGISTERED POST

**INDIAN COUNCIL OF AGRICULTURAL RESEARCH
CENTRAL ARID ZONE RESEARCH INSTITUTE, JODHPUR**

No.F. 10 (2)/11-12/Ren.MBJu/Adm-V

Dated:

To,

M/S.....
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JODHPUR.

Sub: Quotation for P & L vitrified floor tiles, water supply & sanitary work in Photo Lab, Hindi Cell & IPO Section with Aluminium partitioning in Canteen, CAZRI, Jodhpur.

Dear Sir(s),

You are requested to kindly quote your lowest rates keeping in view the following conditions in respect of the articles indicated overleaf/as per statement enclosed (Schedule to Tender).

1. No advance payment will be made. However, the payment is normally made within 30 days from the date of receipt of Bill for execution the work **in good condition as per order**.
2. The quantity proposed in the quotation may be increased or decreased at the discretion of the authority while placing the order.
3. Quotation not found according to specification will be rejected/not considered.
4. The firm should also supply a copy of the authorized dealership certificate of the item, if applicable
5. Quotation should remain valid for 3 months from the date of quotation.
6. No. Form 'C' & 'D' for sales tax will be issued. Payment will be made at full rate, if applicable. However, the firm is required to produce the valid sales tax Registration No. The firm should also indicate PAN/TIN as per Income Tax Rules.
7. The Rates **should be clearly indicated in figure as well as in words**. While quoting the rates, it may be clearly indicated whether the items are inclusive or exclusive of ST, CST etc. in terms of percentage or in absolute term.
8. Works will have to be completed normally within 30 days from the date of issue of work order or as mentioned in the supply order unless such extension is allowed by the Institute **failing which suitable penalty as indicated in the work order will be imposed**.
9. Director, CAZRI, Jodhpur reserves the right to accept or reject any or all the quotation without assigning any reason.
10. All bids must be accompanied by a bid security / **EMD of Rs. 8500/-** of the estimated value of the cost, in the form of a Demand Draft of a scheduled commercial bank in India, in favour of **ICAR Unit- CAZRI, Jodhpur**. Without EMD quotation will not be considered.
11. The firm awarded the contract may/will have to furnish a performance security in the form of Bank Guarantee as per the proforma to be supplied along with work order or FDR pledged to **"ICAR Unit - CAZRI, Jodhpur"** from a scheduled Commercial Banks or it may be deducted from bills for an amount which may vary from 5% to 10% of the value of the contract at the discretion of Director, which should remain valid for six months.
12. The quotation may be sent to the office by courier/Registered Post/Speed Post in sealed cover super scribed with **Work in Photo Lab. & Hindi Cell, CAZRI, Jodhpur " Due date 30-01-2012 up to 3.00 PM.**
13. **The quotation** must be reached to this Office on or before **30-01-2012 up to 3.00 PM** failing which it will not be considered. The quotation should be dropped in the Tender Box placed in the Adm.V Section.

Yours faithfully,

ASSISTANT ADMINISTRATIVE OFFICER (ADM.V)

Annexure-I**Name of Work: P & L vitrified floor tiles, water supply & sanitary work in Photo Lab, Hindi Cell & IPO
Section with Aluminium partitioning in Canteen, CAZRI, Jodhpur.**

S. no.	Particulars	Quantity	Rate to be quoted	Amount
	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes and including stacking of pipes within 50 meter lead :			
1	15 mm to 40 mm nominal bore.	25	@...../Mtr.	.....
2	Dismantling of gully chamber of various sizes including C.I. grating with frame including stacking of useful materials near the site and disposal of unserviceable material within 50 meter lead including refilling the gap.	4	@...../No.	.....
3	Dismantling of flooring with care including stacking of servceable material and diposal of unserviceable material with in 50 Mtr. Lead for Cement concrete flooring.	5	@...../Sqm	.....
4	Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, breaking lead caulked joints, melting of lead and making into block, including stacking of pipes lead at site within 50 meter of dia: Up to 150 mm dia.	20	@...../Mtr.	.....
5	Providing & laying vitrified Porcelain dianomite floor tile, skirting, dedo, (Johnso, Euro, Naveen, Bell, Marbitto or equivalent etc.) size 600x600, 10 mm thick flooring over 20 mm thick bed mortar 1:4 mix with 2-3 mm thick joint to be filled with cementious grout or polymer based non shrink grout make Rofee/ Bell adhesive/ pidite etc of matching colour as per requirement of site.	200	@...../Sqm	.....
6	P & F G.I. Pipes (Internal work) with G.I. fittings (IS:1239 Mark) & M.S. clamps including cutting and making good the walls and floors : (a) 25 mm dia nominal bore.	20	@...../Mtr.	.....
7	(b) Concealed pipe in wall incl. with anticorrosive bitumen paint. 15 mm dia nominal bore.	12	@...../Mtr.	.....
8	20 mm dia nominal bore.	25	@...../Mtr.	.....
9	P & F G.I. Pipes (External work) with G.I. fittings (IS:1239 Mark) including trenching & refilling earth etc. 20 mm dia nominal bore.	15	@...../Mtr.	.....
10	25 mm dia nominal bore.	20	@...../Mtr.	.....
11	P & F Full-way valve (IS:778 Mark) or wheel valve of approved make : Gun-metal 25 mm nominal bore.	one	@...../No.	.....
12	Making connection of G.I. distribution branch with G.I. main including all fitting. Up to 25 mm dia.	one	@...../No.	.....
13	P & F Stop cock (IS:8931 Mark) superior quality & of approved make : Brass 400 gm. 15 mm nominal bore.	6	@...../No.	.....
14	P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make 25 mm G.I. waste pipe complete including cutting & making good the wall :			
	Size 530 mm x 450 mm	2	@...../No.	.....

KITCHEN LAB SINKS				
	P & F kitchen & Lab Sink of approved make with C.I. brackets duly painted, 40 mm C.P. waste coupling, C.P. Brass chain with rubber plug, 40 mm G.I. waste pipe up to floor level complete including cutting and making good the wall & floor :			
15	WVC Lab Sink (IS:2556 Mark) size 530x430x180 mm.	4	@...../No.	.....
	P & F 15 mm. Dia Connection pipe of approved quality/make:			
16	-do- up to length 370 mm.	6	@...../No.	.....
17	P&F Bib Cock (IS:8931 Mark) Superior quality of approved make : C.P. Brass bib cock, 15 mm nominal bore.	4	@...../No.	.....
	P & F Sand-cast Floor trap (Nahni) of (IS:1729 Mark) of approved quality / make with socket down or hinged grating including cutting and making good the floor.			
18	Size 100x75 mm.	6	@...../No.	.....
	P & F Sand-cast Iron (S.C.I.) pipe (IS:1729 Mark) of approved make in wall or in floor with M.S. holder bat clamps in 10x10x10 Cm. M-15 grade concrete blocks, joints filled with CM 1:4 with spun yarn including cutting holes and making good the wall			
19	75 mm dia	50	@...../Mtr.	.....
	P & F Square-mouth gully trap `A` grade (IS :marked) of approved make complete with C.I. grating, frame & Cover masonry chamber in C.M. 1:6, 100mm thick C.C. 1:5:10 base concrete, 40mm thick C.C.M-15 grade coping, 12mm thick cement plaster in CM 1:3 complete as per approved design & type.			
20	Trap size 150 X 100mm, 7.2 Kg. C.I. cover with frame, Internal Chamber size 300 X 300mm.	2	@...../No.	.....
	Construction of chamber in all type of soil with 300 mm thick masonry in Cm 1:6 m 100mm thick C.C. 1:5:10 in foundation, 20mm thick insider plaster in Cm 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring , earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 mtr.			
21	Inside size 300x300mm depth upto 0.5m & 5Kg C.I. cover with frame	3	@...../No.	.....
22	-do- size 450 x 450mm upto depth of 0.5m & 15Kg CI cover with frame	1	@...../No.	.....
	P&F S.C.I. Fittings (IS:129 mark) in CM 1:4 with Spum yarn			
23	75mm dia With out Door Tee	2	@...../No.	.....
24	75mm dia With Door Tee	2	@...../No.	.....
	Providing Laying & jointing glazed S.W. pipes grade `A` (IS:651 marked) of approved make with spun yarn & stiff mixture of cement mortar 1.1 excavation & refilling of earth in all types of soil upto 1.2m depth, S.W. fittings, including testing of joints etc, complete.			
25	100mm dia	5	@...../Mtr.	.....
26	150mm dia	5	@...../Mtr	.....
27	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches by sandla/loi. (Only for colour changing only).	530	@...../Sqm	.....

	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including all scaffolding:			
28	New work (two or more coats) over and including scrapping and priming coat with cement primer.	530	@...../Sqm	.....
	Painting with enamel paint of approved brand and manufacture to give an even shade:			
29	One or more coats on old work.	75	@...../Sqm	.....
	Deep groove pointing on stone masonry in white cement sand mortar (1:3) with colour pigment of approved shade for all type of masonry incl. racking of joint as per specification complete in all respect.			.....
30		25	@...../Sqm	
	Repair to cement plaster in cement mortar 1:6 (1-Cement:6-fine sand) including removal of old plaster in regular shape and white or colour washing.			.....
31		10	@...../Sqm	
	P&F anodizing alumium work (Anodizing to be got done from approved Anodizer) for doors, windows, ventilators and partition with extruded built up standard tubular and other sections of approved make confirming to IS : 733 and IS : 1285 anodised transparent 81 dyed to required shade according to IS : 1868 (Minimum anodic coating of grade AC 15), fixed with rawl plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of gas at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle Aluminum snap beading for glazing/panelling, C.P. Brass/ Stainless Steel screws, Al. Tower bolt & Al. handle & Al. Aldrop etc. all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid for separately).			.....
32				
(i)	For Fixed portion	75	@...../Kg.	.....
	For shutters of doors, windows & ventilators incl. providing and fixing hinges/ rollers etc. and making provision for fixing of fittings wherever reqd. (lockes shall be paid for separately).			.....
(ii)		50	@...../Kg.	
	Providing and Fixing 12mm thick pre-laminated three layer medium density (exterior grade) particle board Grade-I, Type-II confirming to IS 12823 bonded formaldehyde synthetic resin of approved brand and manufacture in panelling fixed in aluminium doors, windows/ stainless steel screws etc. complete as per architectural drawings and direction of engineer-in-charge.			
33	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side.	10.8	@...../Sqm	.....
	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVS/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge (Cost. of aluminium snap beading shall be paid in basic item.)			
34				
35	With glass panes of 5.0mm thickness (weight not less than 13.75 Kg/Sqm) as per IS : 2835	5.4	@...../Sqm	.....

36	P&F double action hydraulic floor spring of approved brand and manufacture to aluminium door shutter confirming to IS : 6315 incl. cost of cutting floors as reqd. embedding in floor and cover plate etc. complete as per direction of Engineer in charge.	one	@...../No.
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PAN NO.

TIN No.

Signature with Seal of Tenderer

Annexure-II

Name of work: - Electric estimate for Renovation of IPO Section, Photo Lab and Hindi Cell

S. no.	Particulars	Quantity	Rate to be quoted	Amount
1	Wiring of light point/fan point / exhaust fan point/ call bell point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible earth copper conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked steel conduit & it's accessories, round tiles, 18 SWG M.S. box with earth terminal, screw less cage connectors for neutral looping in switch board & false ceiling point, 6 A switch, 3.0 mm thick phenolic laminated sheet, zinc plated / brass screws, cup washers, bushes check nuts, making connections, testing etc. as required. (A) Short point (up to 3 mtr.) (B) Medium point (up to 6 mtr.)	20 No 10 No.	...../No. ...../No.	..... .....
2	Wiring of 3 pin 6 amp. Light plug point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked steel conduit & it's accessories, 18 SWG M.S. box with earth terminal, screwless cage connectors for neutral looping in switch board & false ceiling point, 6 A switch, 6 A socket, 3.0 mm thick phenolic laminated sheet, zinc plated / brass screws, cup washers, bushes, check nuts, making connections, testing etc. as required. (A) On board (B) Short point (up to 3 mtr.)	6 No. 10 No	...../No. ...../No	..........
3	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor ISI marked (IS:694) of 1.1 kV grade and approved make in existing surface or recessed conduit/ including making connections etc. as required. (A) 2 x 1.5 sq.mm (B) 4 x 2.5 sq.mm (C) 4 x 4.0 sq.mm+1.5sq.mm	50 mtr 100 mtr 100 mtr	...../Mtr. ...../Mtr. ...../Mtr.	..... ..... .....
4	Supplying and fixing of power plug point accessories on 18 SWG metal box of size 175 x 100 x 60 mm. on surface or in recessed with suitable size phenolic laminated sheet cover including cost of 6 pin 16 amp. Switch and socket outlet , making connection , testing , etc. as req.	14 No	...../No	.....
5	P&F 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA (B/ C/ D tripping			

	characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets including making connections with lugs, testing etc. as required. 6 A to 32 A rating	38 No	...../No	.....
6	P&F 240/415 V isolator conforming to IS:13947-III/ IEC 60947-3 on existing board / sheet including making connections with lugs , testing etc. as required. Double pole isolator (A) 30 A / 40 A rating	1 No	...../No.	.....
	Four pole Isolator (B) 63 A rating	1 No	...../No	.....
7	P&F Recessed/ Surface mounting heavy duty horizontal type sheet steel Distribution board phosphatised/ powder painted complete with 100 A copper bus bar, shorting link , neutral link, earth link and din bar, conforming to IS13032 & IS8623 including making internal DB terminations with copper lugs , testing etc. as required. (A) Double door (single phase) 16 Way	2 No	...../No.	.....
8	P&F metal clad industrial plug top & socket unit with pin and sleeve type contact on porcelain/ bakelite base in sheet steel enclosure (without MCB) including making connections with lugs, testing etc. as required Single phase (Three pin) 20 A	6 No.	...../No.	.....
9	P & F Mirror optics type fluorescent tube fitting fabricated from CRCA sheet and finished with powder coating, aluminium mirror reflector standard cross louvers complete with accessories like (OCCB, starter, starter seat)/ EB, condensor, rotor holder, terminal block duly prewired with copper conductor including making connection, testing etc. as required. (without tube) : Surface mounting 2 X 36 Watts with OCCB	22 No.	...../No.	.....
10	P & F double ball bearing capacitor start ceiling fan of approved make complete with regulator and other accessories as required. (for estimation purpose only) 1400 mm sweep (C.G)	9 No.	...../No.	.....
11	P&F of Heavy duty capacitor start 900/1400 RPM single phase ISI marked Exhaust fan IS:2312 marked in existing opening including making connections testing etc. as required. (A) 300 mm sweep(900/1400 RPM)	2 No.	...../No.	.....
12	P&F of Gravity Louver shutter of superior quality made out of M.S. sheet with enamel paint including cost of nuts, bolts, etc as reqd. Up to 380 mm size.	2 No	...../No.	.....

PAN NO.

TIN No.

Signature with Seal of Tenderer

REGISTERED POST

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
CENTRAL ARID ZONE RESEARCH INSTITUTE, JODHPUR

No.F. 8(4)/11-12/Soil Lab. Div-I/Adm-V

Dated:

To,

M/S.....
.....
.....
JODHPUR.

Sub: Quotation for Civil work of Renovation work in Soil Science Lab. in Main Building, CAZRI, Jodhpur.

Dear Sir(s),

You are requested to kindly quote your lowest rates keeping in view the following conditions in respect of the articles indicated overleaf/as per statement enclosed (Schedule to Tender).

1. No advance payment will be made. However, the payment is normally made within 30 days from the date of receipt of Bill for execution the work **in good condition as per order**.
2. The quantity proposed in the quotation may be increased or decreased at the discretion of the authority while placing the order.
3. Quotation not found according to specification will be rejected/not considered.
4. The firm should also supply a copy of the authorized dealership certificate of the item, if applicable.
5. Quotation should remain valid for 3 months from the date of quotation.
6. No. Form 'C' & 'D' for sales tax will be issued. Payment will be made at full rate, if applicable. However, the firm is required to produce the valid sales tax Registration No. The firm should also indicate PAN/TIN as per Income Tax Rules.
7. The Rates **should be clearly indicated in figure as well as in words**. While quoting the rates, it may be clearly indicated whether the items are inclusive or exclusive of ST, CST etc. in terms of percentage or in absolute term.
8. Works will have to be completed normally within 30 days from the date of issue of work order or as mentioned in the supply order unless such extension is allowed by the Institute **failing which suitable penalty as indicated in the work order will be imposed**.
9. Director, CAZRI, Jodhpur reserves the right to accept or reject any or all the quotation without assigning any reason.
10. All bids must be accompanied by a bid security / **EMD of Rs. 10000/-** of the estimated value of the cost, in the form of a Demand Draft of a scheduled commercial bank in India, in favour of **ICAR Unit-CAZRI, Jodhpur**. Without EMD quotation will not be considered.
11. The firm awarded the contract may/will have to furnish a performance security in the form of Bank Guarantee as per the proforma to be supplied along with work order or FDR pledged to **"ICAR Unit - CAZRI, Jodhpur"** from a scheduled Commercial Banks or it may be deducted from bills for an amount which may vary from 5% to 10% of the value of the contract at the discretion of Director, which should remain valid for six months.
12. The quotation may be sent to the office by courier/Registered Post/Speed Post in sealed cover super scribed with **Civil work in Soil Science, CAZRI, Jodhpur " Due date 30-01-2012 up to 3.00 PM.**
13. **The quotation** must be reached to this Office on or before **30-01-2012 up to 3.00 PM** failing which it will not be considered. The quotation should be dropped in the Tender Box placed in the Adm.V Section.

Yours faithfully,

ASSISTANT ADMINISTRATIVE OFFICER (ADM.V)

Name of work: Civil work of Renovation of Soil Science Lab. in Main Building, CAZRI,
Jodhpur

G-SCHEDULE				
S. No.	Particulars	Quantity	Rate to be quoted	Amount
1	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge. 15 mm to 40 mm nominal bore	70 Metres	@/Metre	.....
2	Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes, lead at site within 50 metre lead as per direction of Engineering-charge. Up to 150 mm diameter.	23.2 Metres	@/Metre	.....
3	Dismantling of road gully chamber of various sizes including C.I. grating with frame including stacking of useful materials near the site and disposal of unserviceable materials into municipal dumps within 50 metres lead including refilling the excavated gap.	6 No.	@/Metre	.....
	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.			
	Internal work – Exposed on wall.			
4.	25 mm dia. nominal bore	30 Metres	@/Metre	.....
5.	Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall			
(i)	15 mm dia nominal bore	16 Metres	@/Metre	.....
(ii)	20 mm dia nominal bore	30 Metres	@/Metre	.....
6.	Providing and fixing G.I. pipes complete with G.I. fittings including trenching & refilling etc.			
(i)	20 mm dia nominal bore	5 Metres	@/Metre	.....
(ii)	25 mm dia nominal bore	15 Metres	@/Metre	.....
7.	18.17 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end). 25 mm nominal bore	1 No	@/No.	.....
8.	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete. 25 to 40 mm nominal bore	2 No	@/No.	.....
9.	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore	12 No	@/No.	.....
10.	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	1 No	@/No.	.....

11	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug 40mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete including painting of fittings and brackets, cutting and making good the wall wherever required :			
(i)	Size 450x300x150mm	1 No	@/No.	.....
(ii)	Size 600x450x200mm	2 No	@/No.	.....
12.	Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required. White glazed fire clay kitchen sink of size 600x450x250 mm.	6 No	@/No.	.....
13.	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length			
	15 mm nominal bore	12 No	@/No.	.....
14.	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 15 mm nominal bore.	10 No	@/No.	.....
15.	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :			
(i)	100 mm inlet and 100 mm outlet			
(ii)	Sand Cast Iron S&S as per IS: 1729.	12 No	@/No.	.....
16.	Providing and fixing soil, waste and vent pipes.			
(i)	100 mm dia. Sand cast iron S&S pipe as per IS: 1729.	30 Metres	@/Metre	.....
(ii)	75 mm dia. Sand cast iron S&S pipe as per IS: 1729.	51 Metres	@/Metre	.....
17.	Constructing masonry Chamber 30x30x50 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement :4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement :5 fine sand:10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design : With F.P.S. bricks	7 No.	@/No.	.....
18.	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :			
	100 mm diameter	5 Metres	@/Metre	.....
	150 mm diameter	30 Metres	@/Metre	.....
19.	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) 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 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design :			
	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With F.P.S. bricks with class designation 75	3 No.	@/No.	.....
20	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks of class designation 75 and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. : With F.P.S. bricks.	1 No.	@/No.	.....
21.	Repairs to plaster of thickness 12mm to 20mm in patches of area 2.5 sq. meters and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50metres lead : With cement mortar 1:4 (1cement: 4 coarse sand).	23 Sqm.	@/Sqm.	.....
22.	Providing and laying Ceramic glazed floor tiles 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.	5 Sqm.	@/Sqm.	.....
23.	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work up to plinth level:			
(i)	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	3.5 Cum.	@/Cum.	.....
(ii)	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size).	2.5 Cum.	@/Cum.	.....
24.	Providing and fixing flat pressed 3 layer particle board medium density exterior grade (Grade I) or graded wood particle board IS : 3087 marked to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately) : 18 mm thick	35 Sqm.	@/Sqm.	.....
25.	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete.			
	40mm thick with 20mm nominal size stone aggregate	60 Sqm.	@/Sqm.	.....

26	CEMENT PLASTER (IN COARSE SAND)			
	20 mm cement plaster of mix :			
	1:6 (1 cement: 6 coarse sand)	50 Sqm.	@/Sqm.	.....
27.	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	120 Sqm.	@/Sqm.	.....
28.	Applying priming coat : With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	120 Sqm.	@/Sqm.	.....
29.	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position : Second class teak wood	0.5 Cum.	@/Cum.	.....
30.	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.			
	25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. Piano hinges IS : 3818 marked with necessary screws.	15 Sqm.	@/Sqm.	.....
31.	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	375 Sqm.	@/Sqm.	.....
32.	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade	375 Sqm.	@/Sqm.	.....
33.	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work.	100 Sqm.	@/Sqm.	.....
H-SCHEDULE				
1.	Dismantling of flooring with care including stacking of serviceable material and disposal of unserviceable material with in 50 Mtr. Lead for Cement concrete flooring.	25.00 Sqm.	@/Sqm.	.....
2.	P & F Full-way valve (IS:778 Mark) or wheel valve of approved make : Gun-metal 20 mm nominal bore.	1 No.	@/No.	.....
3.	P & F Chromium plated Swan-neck Laboratory Cock of approved quality / make: Three Way.	1 No.	@ Per No.	.....
4.	Construction of chamber in all type of soil with 300 mm thick masonry in Cm 1:6 m 100mm thick C.C. 1:5:10 in foundation, 20mm thick insider plaster in Cm 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring , earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 mtr. size 450x450mm upto depth of 0.5m & 15 Kg CI cover with frame	2 No.	@/No.	.....
5.	P & F S.C.I. Fittings (IS:129 mark) in CM 1:4 with Spum yarn			
(i)	75mm dia With out Door Tee	3 No.	@/No.	.....
(ii)	75mm dia With Door Tee	5 No.	@/No.	.....
(iii)	100mm dia With out Door Tee	4 No.	@/No.	.....
(iv)	100mm dia With Door Tee	2 No.	@/No.	.....

6.	Deep groove pointing on stone masonry in white cement sand mortar (1:3) with colour pigment of approved shade for all type of masonry incl. racking of joint as per specification complete in all respect.	25.00 Sqm.	@...../Sqm.	.....
7.	Random Rubble stone masonry for foundation and plinth in Cement Sand Mortar above 30 Cm. thick wall in: Cement Mortar 1:6 (1-Cement: 6-Sand).	12.50 Cum.	@...../Cum.	.....
8.	Extra over item No. 34 for: Wall up to 30 Cm. and less thickness.	12.50 Cum.	@...../Cum.	.....
9.	Supply and fixing 7 to 10 cm. Soorsagar or equivalent stone chaps in lime mortar or gypsum rough dressed more than 0.60 m. length	60.00 Sqm.	@...../Sqm.	.....
10.	Supply and fixing chittar or equivalent stone slab perchits with making edges and top surface level in cement mortar 1:3 complete finished for span more than 2.15m span. Soorsagar or eqvt. White Ashlar.	90.00 Sqm.	@...../Sqm.	.....
11.	Providing & fixing sliding drawer (sliding on telescopic channels) made out of 12mm thick BWP plywood for front, sides, back & bottom. The drawer should smoothly play on telescopic channels.	85.00 Sqm.	@...../Sqm.	.....
12.	Course rubble facing First Sort. as per design and detailed specifications including additional cost of stones	21.00 Sqm.	@...../Sqm.	.....
13.	Course rubble facing Second Sort. as per design and detailed specifications including additional cost of stones	21.00 Sqm.	@...../Sqm.	.....
14.	P & F Square-mouth gully trap `A` grade (IS :marked) of approved make complete with C.I. grating, frame & Cover masonry chamber in C.M. 1:6, 100mm thick C.C. 1:5:10 base concrete, 40mm thick C.C.M-15 grade coping, 12mm thick cement plaster in CM 1:3 complete as per approved design & type. Trap size 150 X 100mm, 7.2 Kg. C.I. cover with frame, Internal Chamber size 300 X 300mm.	6 No.	@...../No.	.....
15.	Rock facing with porper projection and chisal dressing of edges of stone 2 line dressing for building corners, jambs including uniform joints .as per design and detailed specifications including additional cost of stones	21.00 Sqm.	@...../Sqm.	.....

PAN NO.

TIN No.

Signature with Seal of Tenderer

REGISTERED POST

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
CENTRAL ARID ZONE RESEARCH INSTITUTE, JODHPUR

No.F. 12 (6)/11-12/Elect.Work Div-I/Adm-V

Dated:

To,

M/S.....
.....
.....
JODHPUR.

Sub: Quotation for Electric Renovation work in Central Soil Lab. Div-I and Old Horticultural Lab near Canteen at CAZRI, Jodhpur.

Dear Sir(s),

You are requested to kindly quote your lowest rates keeping in view the following conditions in respect of the articles indicated overleaf/as per statement enclosed (Schedule to Tender).

1. No advance payment will be made. However, the payment is normally made within 30 days from the date of receipt of Bill for execution the work **in good condition as per order**.
2. The quantity proposed in the quotation may be increased or decreased at the discretion of the authority while placing the order.
3. Quotation not found according to specification will be rejected/not considered.
4. The firm should also supply a copy of the authorized dealership certificate of the item, if applicable
5. Quotation should remain valid for 3 months from the date of quotation.
6. No. Form 'C' & 'D' for sales tax will be issued. Payment will be made at full rate, if applicable. However, the firm is required to produce the valid sales tax Registration No. The firm should also indicate PAN/TIN as per Income Tax Rules.
7. The Rates **should be clearly indicated in figure as well as in words**. While quoting the rates, it may be clearly indicated whether the items are inclusive or exclusive of ST, CST etc. in terms of percentage or in absolute term.
8. Works will have to be completed normally within 30 days from the date of issue of work order or as mentioned in the supply order unless such extension is allowed by the Institute **failing which suitable penalty as indicated in the work order will be imposed**.
9. Director, CAZRI, Jodhpur reserves the right to accept or reject any or all the quotation without assigning any reason.
10. All bids must be accompanied by a bid security / **EMD of Rs. 10000/-** of the estimated value of the cost, in the form of a Demand Draft of a scheduled commercial bank in India, in favour of **ICAR Unit-CAZRI, Jodhpur**. Without EMD quotation will not be considered.
11. The firm awarded the contract may/will have to furnish a performance security in the form of Bank Guarantee as per the proforma to be supplied along with work order or FDR pledged to **"ICAR Unit - CAZRI, Jodhpur"** from a scheduled Commercial Banks or it may be deducted from bills for an amount which may vary from 5% to 10% of the value of the contract at the discretion of Director, which should remain valid for six months.
12. The quotation may be sent to the office by courier/Registered Post/Speed Post in sealed cover super scribed with **Elect work in Soil Lab. & Hort. Lab., Jodhpur " Due date 30-01-2012**.
13. **The quotation** must be reached to this Office on or before **30-01-2012 up to 3.00 PM** failing which it will not be considered. The quotation should be dropped in the Tender Box placed in the Adm.V Section.

Yours faithfully,

ASSISTANT ADMINISTRATIVE OFFICER (ADM.V)

Name of work : Electric work for Renovation of Central Soil Laboratory Div-I. and Old Horticulture Laboratory near canteen at CAZRI Jodhpur.

G-SCHEDULE				
S. No.	Particulars	Quantity	Rate to be quoted	Amount
1.	Wiring of light point/fan point / exhaust fan point/ call bell point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible earth copper conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked steel conduit & it's accessories, round tiles,18 SWG M.S. box with earth terminal, screwless cage connectors for neutral looping in switch board & false ceiling point, 6 A switch, 3.0 mm thick phenolic laminated sheet, zinc plated / brass screws, cup washers, bushes check nuts, making connections, testing etc. as required.			
	Short point (up to 3 mtr.)	40 No	@/ No.	.....
	Medium point (up to 6 mtr.)	20 No	@/ No.	.....
2	Wiring of 3 pin 6 amp. Light plug point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked steel conduit & it's accessories, 18 SWG M.S. box with earth terminal, screw less cage connectors for neutral looping in switch board & false ceiling point, 6 A switch, 6 A socket, 3.0 mm thick phenolic laminated sheet, zinc plated / brass screws, cup washers, bushes, check nuts, making connections, testing etc. as required.			
	(a) On board	10 No	@/ No.	.....
	(b) Short point (up to 3 mtr.)	10 No	@/ No.	.....
3	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor ISI marked (IS:694) of 1.1 kV grade and approved make in existing surface or recessed conduit/ including making connections etc. as required.			
	(A) 2 x 1.5 sq.mm	200 mtr	@/ Mtr.	.....
	(B) 4 x 2.5 sq.mm	200 mtr	@/ Mtr.	.....
	(C) 4 x 4.0 sq.mm+1.5sq.mm	900 mtr	@/ Mtr.	.....
	(D) 4 x 6.0 sq.mm+1.5sq.mm	200 mtr	@/ Mtr.	.....
4	Supplying and fixing of power plug point accessories on 18 SWG metal box of size 175 x 100 x 60 mm. on surface or in recessed with suitable size phenolic laminated sheet cover including cost of 6 pin 16 amp. Switch and socket outlet , making connection , testing , etc. as required.	40 Nos.	@/ No.	.....
5	P&F 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA (B/ C/ D tripping			

	characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets including making connections with lugs, testing etc. as required. 6 A to 32 A rating.	90 Nos.	@/ No.	.....
6	P&F 240/415 V isolator conforming to IS:13947-III/ IEC 60947-3 on existing board / sheet including making connections with lugs , testing etc. as required.			
(A)	Double pole isolator 30 A / 40 A rating	2 Nos.	@/ No.	.....
(B)	Four pole Isolator			
	(i) 100 A rating	2 Nos.	@/ No.	.....
	(ii) 63 A rating	2 Nos.	@/ No.	.....
(C)	Triple pole MCB 30 A / 40 A rating	10 Nos.	@/ No.	.....
7	P&F Recessed/ Surface mounting heavy duty horizontal type sheet steel Distribution board phophatised/ powder painted complete with 100 A copper bus bar, shorting link , neutral link, earth link and din bar, conforming to IS13032 & IS8623 including making internal DB terminations with copper lugs , testing etc. as required.			
(A)	Double door (single phase) 16 Way	2 Nos.	@/ No.	.....
(B)	Double door (Three phase) 8 Way	3 Nos.	@/ No.	.....
8	P&F metal clad industrial plug top & socket unit with pin and sleeve type contact on porcelain/ bakelite base in sheet steel enclosure (without MCB) including making connections with lugs, testing etc.as required	20 Nos.	@/ No.	.....
9	P&F metal clad industrial plug top & socket with butt type contacts, interlocking feature and auto closing safety shutter (without MCB), making connections with lugs, testing etc. as required 3 pin/4 pin 20 A Three phase (5 pin)	5 Nos.	@/ No.	.....
10	P/Laying P.V.C. insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I of Group2 of approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand, IInd class bricks covering, refilling earth, compaction of earth, making necessary connection, testing etc. as required of size. Deduct if cables of size (up to 50 sq. mm.) laid on surface by means of screws.rag bolts, MSU clamps as per approved spacing.			
	(A) 35.0 Sq.mm ARM 3.5 core	250 Mtrs	@/ Mtr.	.....
	(B) 50.0 Sq.mm ARM 3.5 core	250 Mtrs	@/ Mtr.	.....
11	P & F bus bar chamber made out of aluminium or wrought aluminium alloy suitable for 100 amp. capacity housed in sheet metal box made out from 1.2 mm MS sheet front open able, bus bar fixed on insulators at approved spacing including making connections etc. as required.	2 No.	@/ No.	.....
12	Plate Earthing as per IS:3043 with G.I. Earth plate of size 600mm x 600mm x 6.0mm by embodying 3 to 4 mtr. below the ground level with 20 mm dia. G.I. 'B'			

	class watering Pipe including all accessories like nut, bolts, reducer ,nipple, wire meshed funnel, and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size300mm x 300mm complete with alternate layers of salt and coke/charcoal, testing of earth resistance as required.	1 No.	@/ No.	.....
13	S & Laying following size earth wire/strip in horizontal or vertical run in ground/surface/recess including riveting, soldering, saddles, making connection etc. as required. 6 SWG copper Wire	50 Mtrs.	@/ Mtr.	.....
14	P & F Mirror optics type fluorescent tube fitting fabricated from CRCA sheet and finished with powder coating, aluminium mirror reflector standard cross louvers complete with accessories like (OCCB, starter, starter seat)/ EB, condenser, rotor holder, terminal block duly prewired with copper conductor including making connection, testing etc. as required. (Without tube) Surface mounting 2 X 36 Watts with OCCB	40 No.	@/ No.	.....
15	P & F of recess mounting CFL luminaire made from powder coated CRCA sheet with perforations on the body with metalised polystyrene louvers, complete with accessories extra low watt loss copper ballast, starter, holder, condenser, terminal block duly prewired with copper conductor including making connections, testing etc. as required (without lamp) 2 X PL-36 Watt	6 Nos.	@/ No.	.....
16	P & F double ball bearing capacitor start ceiling fan of approved make complete with regulator and other accessories as required. (for estimation purpose only) 1400 mm sweep (C.G)	20 Nos.	@/ No.	.....
17	P&F of Heavy duty capacitor start 900/1400 RPM single phase ISI marked Exhaust fan, IS:2312 marked in existing opening including making connections testing etc. as required.			
	(A) 380 mm sweep(900/1400 RPM)	4 Nos.	@/ No.	.....
	(B) 300 mm sweep(900/1400 RPM)	3 Nos.	@/ No.	.....
18	P&F of Gravity Louver shutter of superior quality made out of M.S. sheet with enamel paint including cost of nuts, bolts, etc as required. Up to 380 mm size	7 Nos.	@/ No.	.....

PAN NO.

TIN No.

Signature with Seal of Tenderer

REGISTERED POST

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
CENTRAL ARID ZONE RESEARCH INSTITUTE, JODHPUR

No.F. 15 (2)/11-12/Fencing Hostel /Adm-V

Dated:

To,

M/S.....
.....
.....
JODHPUR.

Sub: Quotation of Providing & fixing of wire gauge fencing including GI Pipe fitting at Trainees Hostel, CAZRI, Jodhpur.

Dear Sir(s),

You are requested to kindly quote your lowest rates keeping in view the following conditions in respect of the articles indicated overleaf/as per statement enclosed (Schedule to Tender).

1. No advance payment will be made. However, the payment is normally made within 30 days from the date of receipt of Bill for execution the work **in good condition as per order**.
2. The quantity proposed in the quotation may be increased or decreased at the discretion of the authority while placing the order.
3. Quotation not found according to specification will be rejected/not considered.
4. The firm should also supply a copy of the authorized dealership certificate of the item, if applicable
5. Quotation should remain valid for 3 months from the date of quotation.
6. No. Form 'C' & 'D' for sales tax will be issued. Payment will be made at full rate, if applicable. However, the firm is required to produce the valid sales tax Registration No. The firm should also indicate PAN/TIN as per Income Tax Rules.
7. The Rates **should be clearly indicated in figure as well as in words**. While quoting the rates, it may be clearly indicated whether the items are inclusive or exclusive of ST, CST etc. in terms of percentage or in absolute term.
8. Works will have to be completed normally within 30 days from the date of issue of work order or as mentioned in the supply order unless such extension is allowed by the Institute **failing which suitable penalty as indicated in the work order will be imposed**.
9. Director, CAZRI, Jodhpur reserves the right to accept or reject any or all the quotation without assigning any reason.
10. All bids must be accompanied by a bid security / **EMD of Rs. Nil/-** of the estimated value of the cost, in the form of a Demand Draft of a scheduled commercial bank in India, in favour of **ICAR Unit-CAZRI, Jodhpur**. Without EMD quotation will not be considered.
11. The firm awarded the contract may/will have to furnish a performance security in the form of Bank Guarantee as per the proforma to be supplied along with work order or FDR pledged to **"ICAR Unit - CAZRI, Jodhpur"** from a scheduled Commercial Banks or it may be deducted from bills for an amount which may vary from 5% to 10% of the value of the contract at the discretion of Director, which should remain valid for six months.
12. The quotation may be sent to the office by courier/Registered Post/Speed Post in sealed cover super scribed with **Fencing of Hostel, CAZRI, Jodhpur " Due date 30.01.2012**.
13. **The quotation** must be reached to this Office on or before **30.01.2012 up to 3.00 PM** failing which it will not be considered. The quotation should be dropped in the Tender Box placed in the Adm.V .

Yours faithfully,

ASSISTANT ADMINISTRATIVE OFFICER (ADM.V)

Name of work: Providing & fixing fixed wire gauge at Trainees Hostel, CAZRI, Jodhpur

S. No.	Particulars	Quantity	Rate to be quoted	Amount
1.	Supply & fixing fixed wire gauge of 14 mesh x 24 gauge to the metal frame of rolled section by metal beading 20 x 3 mm with suitable screw at not exceeding 150 mm distance.	142.75 Sqm.	@/ Sqm.	.....
2.	P&F G.I. Pipes (Internal work) with GI fittings (IS:1239 Mark) & M.S. Clamps including cutting and making good the walls and floors : Exposed on wall, 20 mm dia nominal bore.	60 Mtrs.	@/ Mtr.	.....
3.	P&F G.I. Pipes (Internal work) with GI fittings (IS:1239 Mark) & M.S. Clamps including cutting and making good the walls and floors : Exposed on wall, 15 mm dia nominal bore.	20 Mtrs.	@/ Mtr.	.....
4.	P&F G.I. Pipes (Internal work) with GI fittings (IS:1239 Mark) & M.S. Clamps including cutting and making good the walls and floors : Exposed on wall 50 mm dia nominal bore.	5 Mtrs.	@/ Mtr.	.....
5.	Making connection of G.I. distribution branch with G.I. main including all fitting. Up to 25 mm dia.	38 Nos.	@/ No.	.....

PAN NO.

TIN No.

Signature with Seal of Tenderer

REGISTERED POST

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
CENTRAL ARID ZONE RESEARCH INSTITUTE, JODHPUR

No.F. 8 (5)/11-12/Civil Work Agro. Lab. /Adm-V

Dated:

To,

M/S.....
.....
.....
JODHPUR.

Sub: Quotation of Civil work for Renovation of Agronomy Laboratory (Lab. No. 33 & 15) in New Lab. Building at CAZRI, Jodhpur.

Dear Sir(s),

You are requested to kindly quote your lowest rates keeping in view the following conditions in respect of the articles indicated overleaf/as per statement enclosed (Schedule to Tender).

1. No advance payment will be made. However, the payment is normally made within 30 days from the date of receipt of Bill for execution the work **in good condition as per order**.
2. The quantity proposed in the quotation may be increased or decreased at the discretion of the authority while placing the order.
3. Quotation not found according to specification will be rejected/not considered.
4. The firm should also supply a copy of the authorized dealership certificate of the item, if applicable
5. Quotation should remain valid for 3 months from the date of quotation.
6. No. Form 'C' & 'D' for sales tax will be issued. Payment will be made at full rate, if applicable. However, the firm is required to produce the valid sales tax Registration No. The firm should also indicate PAN/TIN as per Income Tax Rules.
7. The Rates **should be clearly indicated in figure as well as in words**. While quoting the rates, it may be clearly indicated whether the items are inclusive or exclusive of ST, CST etc. in terms of percentage or in absolute term.
8. Works will have to be completed normally within 30 days from the date of issue of work order or as mentioned in the supply order unless such extension is allowed by the Institute **failing which suitable penalty as indicated in the work order will be imposed**.
9. Director, CAZRI, Jodhpur reserves the right to accept or reject any or all the quotation without assigning any reason.
10. All bids must be accompanied by a bid security / **EMD of Rs. 8000/-** of the estimated value of the cost, in the form of a Demand Draft of a scheduled commercial bank in India, in favour of **ICAR Unit-CAZRI, Jodhpur**. Without EMD quotation will not be considered.
11. The firm awarded the contract may/will have to furnish a performance security in the form of Bank Guarantee as per the proforma to be supplied along with work order or FDR pledged to **"ICAR Unit - CAZRI, Jodhpur"** from a scheduled Commercial Banks or it may be deducted from bills for an amount which may vary from 5% to 10% of the value of the contract at the discretion of Director, which should remain valid for six months.
12. The quotation may be sent to the office by courier/Registered Post/Speed Post in sealed cover super scribed with **Civil work in Agronomy Lab. CAZRI, Jodhpur " Due date 30-01-2012**.
13. **The quotation** must be reached to this Office on or before **30-01-2012 up to 3.00 PM** failing which it will not be considered. The quotation should be dropped in the Tender Box placed in the Adm.V Section.

Yours faithfully,

ASSISTANT ADMINISTRATIVE OFFICER (ADM.V)

**NAME OF WORK:- Civil work for Renovation of Agronomy Laboratory (Lab No. 33&15)
New lab. Building CAZRI Jodhpur.**

S. No.	Particulars	Quantity	Rate to be quoted	Amount
1.	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge : 15 mm to 40 mm nominal bore	26 Mtr.	@...../Mtr.	.....
2.	Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes, lead at site within 50 metre lead as per direction of Engineering- charge: Up to 150 mm diameter	26 Mtr.	@...../Mtr.	.....
3.	Dismantling of road gully chamber of various sizes including C.I. grating with frame including stacking of useful materials near the site and disposal of unserviceable materials into municipal dumps within 50 metres lead including refilling the excavated gap.	4 No.	@...../No.	
4.	P & F at all height false ceiling including P & F of frame work made of special sections power pressed from M.S. sheet and galvanised in accordance with zinc coating of grade 350 as per IS : 277 and consisting of angle cleats of size 25mm wide x 1.6mm thick with flanges of 22mm and 37mm at 1200mm centre to centre one flange fixed to the ceiling with dash fastener 12.5mm diax40mm long with 6mm dia bolts to the angle hangers of 25x25x0.55mm of required length, and other end of angle hanger being fixed with nut and bolts to G.I. channels 45x15x0.9mm running at the rate of 1200mm centre to centre to which the ceiling section 0.5mm thick button wedge of 80mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm centre to centre shall be fixed in a direction perpendicular to G.I. channel with connecting clips made out of 2.64mm diax230mm long G.I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450mm centre to centre with 25mm long drive-all screws @ 230mm interval including jointing and fixing to a flush finish of tapered and square edges of the board with recommended filler, jointing tapes, finisher and two coats of primer suitable for board as per manufactures specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed all complete as per drawing and specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum board conforming to IS: 2095- Part I.	47 Sqm	@...../Sqm.	

5.	P & F G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.			
	Internal work – Exposed on wall.			
	25 mm dia. nominal bore	16 Metre	@...../Mtr.	
6.	Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall			
(a)	15 mm dia nominal bore	10 Metre	@...../Mtr.	
(b)	20 mm dia nominal bore	20 Metre	@...../Mtr.	
7.	18.17 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore	2 No.	@...../No.	
8.	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 25 to 40 mm nominal bore	2 No.	@...../No.	
9.	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore	2 No.	@...../No.	
10.	P & F white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug 40mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete including painting of fittings and brackets, cutting and making good the wall wherever required : Size 600x450x200mm	3 No.	@...../No.	
11.	P & F kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required: White glazed fire clay kitchen sink of size 600x450x250 mm.	1 No.	@...../No.	
12.	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length			
	15 mm nominal bore	4 No.	@...../No.	
13.	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore.	2 No.	@...../No.	
14.	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :			
	100 mm inlet and 100 mm outlet			
	Sand Cast Iron S&S as per IS: 1729	4 No.	@...../No.	
15.	Providing and fixing soil, waste and vent pipes :			
	100 mm dia. Sand cast iron S&S pipe as per IS: 1729.	15 Mtr.	@...../Mtr.	
	75 mm dia. Sand cast iron S&S pipe as per IS: 1729.	10 Mtr.	@...../Mtr.	
16.	Constructing masonry Chamber 30x30x50 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement :4 coarse sand) for stop cock, with C. I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix(1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10(1 cement :5 fine sand:10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per	4 No.	@...../No.	

	standard design : With F.P.S. bricks			
17.	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 150 mm diameter	5 Mtr.	@...../Mtr.	
18.	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) 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 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With F.P.S. bricks with class designation 75	1 No.	@...../No.	
19.	Repairs to plaster of thickness 12mm to 20mm in patches of area 2.5 sq. meters and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50metres lead : With cement mortar 1:4 (1cement: 4 coarse sand).	5 Sqm.	@...../Sqm.	
20.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:			
(i)	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	0.5 Cum.	@...../Cum	
(ii)	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size).	0.5 Cum.	@...../Cum	
21.	P & F flat pressed 3 layer particle board medium density exterior grade (Grade I) or graded wood particle board IS:3087 marked to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately) : 18 mm thick	7 Sqm.	@...../Sqm	
22.	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick with 20mm nominal size stone aggregate.	30 Sqm.	@...../Sqm	
23.	CEMENT PLASTER (IN COARSE SAND) 20 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand)	52 Sqm.	@...../Sqm	
24.	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	70 Sqm.	@...../Sqm	
25.	Applying priming coat : With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	70 Sqm.	@...../Sqm	
26.	Providing wood work in frames of doors, windows, clerestory	0.2 Cum.	@...../Cum	

	windows and other frames, wrought framed and fixed in position : Second class teak wood			
27.	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.			
	25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. Piano hinges IS : 3818 marked with necessary screws.	7 Sqm.	@...../Sqm	
28.	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	175 Sqm.	@...../Sqm	
29.	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade	175 Sqm.	@...../Sqm	
30.	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work.	40 Sqm.	@...../Sqm	
H-SEHEDULE				
1.	Dismantling of flooring with care including stacking of servceable material and diposal of unserviceable material with in 50 Mtr. Lead for Cement concrete flooring.	21.40 Sqm.	@...../Sqm	
2.	P & F Full-way valve (IS:778 Mark) or wheel valve of approved make : Gun-metal 20 mm nominal bore.	2 No.	@...../No.	
3.	P & F Chromium plated Swan-neck Laboratory Cock of approved quality / make: Three Way.	3 No.	@...../No.	
4.	Construction of chamber in all type of soil with 300 mm thick masonry in Cm 1:6 m 100mm thick C.C. 1:5:10 in foundation, 20mm thick insider plaster in Cm 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring , earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 mtr. size 450x450mm upto depth of 0.5m & 15 Kg Cl cover with frame	2 No.	@...../No.	
5.	P & F S.C.I. Fittings (IS:129 mark) in CM 1:4 with Spum yarn			
(i)	75mm dia With out Door Tee	1 No.	@...../No.	
(ii)	75mm dia With Door Tee	1 No.	@...../No.	
(iii)	100mm dia With out Door Tee	1 No.	@...../No.	
(iv)	100mm dia With Door Tee	2 No.	@...../No.	
6.	Deep groove pointing on stone masonry in white cement sand mortar (1:3) with colour pigment of approved shade for all type of masonry incl. racking of joint as per specification complete in all respect.	16.00 Sqm.	@...../Sqm.	
7.	Random Rubble stone masonary for foundation and plinth in Cement Sand Mortar above 30 Cm. thick wall in : Cement Mortar 1:6 (1-Cement:6-Sand).	1.60 Cum.	@...../Cum.	
8.	Extra over item No. 34 for : Wall up to 30 Cm. and less thickness.	1.60 Cum.	@...../Cum.	
9.	Supply and fixing 7 to 10 cm. Soorsagar or equivalent stone chaps in lime mortar or gypsum rough dressed more than 0.60 m. length	17.00 Sqm.	@...../Sqm.	
10.	Supply and fixing chittar or equivalent stone slab perchits with	21.40 Sqm.	@...../Sqm.	

	making edges and top surface level in cement mortar 1:3 complete finished for span more than 2.15m span. Soorsagar or eqvt. White Ashlar.			
11.	providing & fixing sliding drawer (sliding on telescopic channels) made out of 12mm thick BWP plywood for front, sides, back & bottom. The drawer should smoothly play on telescopic channels.	37.44 Sqm.	@...../Sqm.	
12.	P & F Square-mouth gully trap `A` grade (IS :marked) of approved make complete with C.I. grating, frame & Cover masonry chamber in C.M. 1:6, 100mm thick C.C. 1:5:10 base concrete, 40mm thick C.C.M-15 grade coping, 12mm thick cement plaster in CM 1:3 complete as per approved design & type. Trap size 150 X 100mm, 7.2 Kg. C.I. cover with frame, Internal Chamber size 300 X 300mm.	4 No.	@...../No.	
13.	P & F wall panelling using soft wood frame of size 50x25 mm @ 600 mm c/c in both directions duly treated with anti-termite treatment making grooves painting of grooves specification and drawing using : 12 mm thick one side laminated board Practical board (Phenol bonded).	85 Sqm	@...../Sqm	
14.	Providing & laying vitrified Porcelain dianomite floor tile, skirting, dedo, (Johnso, Euro, Naveen, Bell, Marbito or equivalent etc.) size 600x600, 10 mm thick flooring over 20 mm thick bed mortar 1:4 mix with 2-3 mm thick joint to be filled with cementious grout or polymer based non shrink grout make Rofee/ Bell adhesive/ pidite etc of matching colour as per requirement of site.	52 Sqm	@...../Sqm	
15.	Marble stone flooring table rubbed, 18-20 mm thick over 20 mm (Av.) thick base of CM 1:4 (1-Cement:4-coarse sand) jointing with white cement mortar 1:2 (1-White cement:2-marble dust) with pigment to match the shade of the marble slab including grinding rubbing and polishing complete.			
	GREEN MARBLE Kesriaji (Rikhabdeo).			
	Above 3601 Cm ²	21.4 Sqm	@...../Sqm	
16.	Extra for providing edge moulding to 18 mm thick marble stone counters, vantages etc. over item No. 7.1 & 7.2 including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Marble work	40 Mtr.	@...../Mtr.	

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