## अनुरक्षण एवं अभियांत्रिकी इकाई MAINTENANCE & ENGINEERING UNIT भाकृअनुप-भारतीय कृषि अनुसंधान संस्थान ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE नई दिल्ली-१२ NEW DELHI-12.

No. 05-02/20-21/ME Unit Date:15.07.2020

## **QUOTATION NOTICE**

Percentage rate sealed Quotation are hereby invited on behalf of the Director, IARI from the Contractors Registered with CPWD, MES, Railways, MCD, PWD or other Central/State Govt./Semi Govt. agencies. The contractor must have valid PAN, GST registration number and experience of two similar nature of works in last three years for the work.

S.N	Name of work	Estimated cost / Item	Earnest Money
		Rate	
1.	Construction of damaged boundary wall at various places in KKRC	Rs. 1,98,696.00	Rs. 4000.00
	New Delhi-110012.		

Last date for receipt of applications for sale of quotation : 22.07.2020

Submission of quotation : up to 14:30 hours of 22.07.2020 Opening of quotation : 15:00 hours of 22.07.2020

Desirous and eligible agencies to download the schedule and details may visit IARI website <a href="www.iari.res.in">www.iari.res.in</a> or <a href="http://eprocure.gov.in">http://eprocure.gov.in</a> and deposit the fee of Rs. 150/- (non-refundable) along with requisite EMD at the time of filing of Quotation. The rates on schedule and requisite eligibility documents should be filed in a separate envelopes submitted both together in a bigger envelope in case the Quotation is downloaded from the net, else the Quotation will be rejected. The schedule of work can also be purchased on payment of Rs. 150/- (non-refundable) from Tender Cell of M.E.Unit, Directorate during office hours on any working day by producing the eligibility documents and depositing the earnest money in the form of PO/DD favoring "Director, IARI, New Delhi-12." The Director IARI reserves the right to reject or accept any Quotation without assigning any reason. Quotations shall be submitted along with forwarding letter addressed to Director IARI otherwise quotation will not be considered.

Asstt. Admn. Officer (Works)

## Copy to:-

- 1. Comptroller Directorate for kind information please.
- 2. F. & A.O.(Audit-IV)
- 3 . AAO (Contingency).
- 4. In-charge USI to display on website.(The Quotation Notice already sent to IARI web master)

Construction of damaged boundary wall at KKRC at IARI, Pusa , New Delhi-110012.

S. Permotering and shuttering including struting, propping etc. and removal of form for columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including struting, placing in position and binding all complete upto plinth level 1:3:50 (I Cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).  Reinforced cement concrete work in walls (any thickness), including and reinforcement :1:1.5:3 (I cement : 1.5 coarse sand : 3 graded stone aggregate20 mm nominal size).  Permote in the disposition of the coarse sand in 3 graded stone aggregate20 mm nominal size).  Interpolation of the coarse sand in the coarse sand in 3 graded stone aggregate20 mm nominal size).  Interpolation of the coarse sand in the coarse sand in 3 graded stone aggregate20 mm nominal size).  Interpolation of the coarse sand in the coarse sand in 3 graded stone aggregate20 mm nominal size).  Interpolation of the coarse sand in the coarse sand in 3 graded stone aggregate20 mm nominal size).  Interpolation of the coarse sand in the coarse sand in 3 graded stone aggregate20 mm nominal size).  Interpolation of the coarse sand in the coarse sand in 3 graded stone aggregate20 mm nominal size).  Interpolation of the coarse sand in the coarse sand in 3 graded stone aggregate20 mm nominal size).  Interpolation of the coarse sand in the coarse sand in 3 graded stone aggregate20 mm nominal size).  Interpolation of the coarse sand in the		· ·				
Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50metres lead as per direction of Engineer - in- charge.  Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soils and disposal of surplus excavated soils and including extact soils and disposal of surplus excavated soils and disposal of surplus excavated soils and excavated soils and disposal of surplus excavated soils and excavated soils and extension of surplus excavated soils and excavated soils and excavated soils and extension of surplus excavated soils and extension of surplus excavated soils and excavated soils and extension of surplus excavated soils and extensio		ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
mechanical means including stacking of steel bars and disposal of unserviceable material within 50metres lead as per direction of Engineer - in- charge.  Excavation work by mechanical means (Hydraulic excavatory) manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soils as directed, within a lead of 50 m 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically 5 Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:15:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm	110.	D I' L' D. C. C L II / L				
bars and disposal of unserviceable material within 50metres lead as per direction of Engineer - in- charge.  Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.  Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and 4 Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically 5 Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (I Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:15:3 (I Cement: 1:5 coarse sand: 3 graded stone aggregate20 mm						
Excavation work by mechanical means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soils as directed, within a lead of 50 m.  Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (I Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1:15:3 (I Cement: 1:5 coarse sand: 3 graded stone aggregate20 mm						
Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil and exact excluding stroughted in proper shape, raking out joints and proper shape,						
Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soils as directed, within a lead of 50 m.  Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement 3 mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically 5 Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:5 (I Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1:5:3 (I cement: 1:5 coarse sand: 3 graded stone aggregate20 mm		within 50metres lead as per direction of				
Excavation work by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and 4 Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically  Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:13:6 (1 Cement: 3 coarse sand : 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement 1:1.15:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm		Engineer - in- charge.	_			
(Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.  Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement 3 mortar 1.4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, placing in position and binding all complete upto plinth leve Thermo-Mechanically Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm	1		4	cum	Rs. 2,534.70	Rs. 10,138.80
foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.  Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically  Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (I Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		· · · · · · · · · · · · · · · · · · ·				
1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.  Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement 3 mortar 1:4 (1cement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and 4 Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically 5 Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:13:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		(Hydraulic excavator)/ manual means in				
dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.  Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement a mortar 1:4 (1cement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		foundation trenches or drains (not exceeding				
upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.  Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically  Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		1.5m in width or 10 sqm on plan), including				
upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.  Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically  Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		dressing of sides and ramming of bottoms, lift				
excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.  2 m.  Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement 3 mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and 4 Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, placing in position and binding all complete upto plinth leve Thermo-Mechanically 5 Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (I Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (I cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		,				
excavated soils as directed, within a lead of 50 m.  Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically  Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		•				
Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement 3 mortar 1:4 (1cement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and 4 Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically 5 Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm						
Repairs to plaster of thickness 12 mm to 20 mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement 3 mortar 1:4 (1cement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and 4 Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically 5 Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm	2	· ·	2	cum	Rs 119 15	Rs 806 30
mm 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 thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		-		Cum	NS. 440.13	NS. 070.30
under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (1cement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		• •				
shape, raking out joints and preparing and plastering the surface of thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement 3 mortar 1:4 (1cement: 4 coarse sand) 20 Sqm Rs. 429.60 Rs. 8,592.00  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts. 50 Sqm Rs. 733.70 Rs. 36,685.00  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically Treated bars 120 Kg Rs. 68.10 Rs. 8,172.00  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm		<u> </u>				
plastering the surface of thewallscomplete, including disposal of rubbish to the dumping ground within 50 metres lead. With cement 3 mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and 4 Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically 5 Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (I Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (I cement: 1.5 coarse sand: 3 graded stone aggregate20 mm						
including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (Icement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (I Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm						
ground within 50 metres lead. With cement mortar 1:4 (1cement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		• •				
3 mortar 1:4 (1cement: 4 coarse sand)  Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and  Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically  Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm		including disposal of rubbish to the dumping				
Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically  Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		ground within 50 metres lead. With cement				
Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically  Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm	3	mortar 1:4 (1cement: 4 coarse sand)	20	Sqm	Rs. 429.60	Rs. 8,592.00
propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		Centering and shuttering including strutting.		•		,
Columns, Pillars, Piers, Abutments, Posts and Struts.  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically  Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm						
4 Struts. 50 Sqm Rs. 733.70 Rs. 36,685.00  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically  5 Treated bars 120 Kg Rs. 68.10 Rs. 8,172.00  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)  2 cum Rs. 6,259.10 Rs. 12,518.20  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm		<b></b> 9				
Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically  5 Treated bars 120 Kg Rs. 68.10 Rs. 8,172.00  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm	4		50	Sam	Rs 733 70	Rs 36 685 00
including straightening, cutting, bending, placing in position and binding all complete upto plinth leve Thermo-Mechanically  5 Treated bars  120 Kg Rs. 68.10 Rs. 8,172.00  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm	_		30	Sqiii	Ks. 755.70	13. 30,003.00
placing in position and binding all complete upto plinth leve Thermo-Mechanically  5 Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm						
upto plinth leve Thermo-Mechanically Treated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm						
Freated bars  Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm						
Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm	_	· · ·				
concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm	5		120	Kg	Rs. 68.10	Rs. 8,172.00
of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm						
plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm		•				
6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		of centering and shuttering - All work up to				
6 graded stone aggregate 20mm nominal size)  Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate20 mm		plinth level:1:3:6 (1 Cement: 3 coarse sand:				
Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm		•				
(any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm	6	0 00 0 11 1 12 12 12 1	2	cum	Rs. 6,259.10	Rs. 12,518.20
buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm	1	Reinforced cement concrete work in walls				
buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm		(any thickness), including attached pilasters,				
columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm						
struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm		, .				
of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm						
reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm						
sand : 3 graded stone aggregate20 mm						
		· ·				
7   nominal size) .   1.5   cum   Rs. 9,306.00   Rs. 13,959.00						
	7	nominai size) .	1.5	cum	Rs. 9,306.00	Rs. 13,959.00

	landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and				
	spiral stair cases up to floor five level, excluding the cost of centering, shuttering,				
	finishing and reinforcement, with 1:2:4 (1cement : 2 coarse sand : 4 graded stone				
8	aggregate 20 mm nominal size).	0.5	cum	Rs. 9,763.80	Rs. 4,881.90
	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				
9	ramming and watering, lead up to 50 m and lift upto 1.5 m.	2	cum	Rs. 219.65	Rs. 439.30
	Brick work with common burnt clay F.P.S.				
	(non modular) bricks of class designation 7.5 in superstructure above plinth level up to				
	floor V level in all shapes and sizes in				
10	:Cement mortar 1:4 (1 cement : 4 coarse sand).	5	cum	Rs. 7,809.25	Rs. 39,046.25
10	Extra for providing and placing in position 2		Cum	1451 7,003120	145. 55,0 10.25
	Nos 6mm dia. M.S. bars at every third course				
11	of brick masonry.	25	Sqm	Rs. 80.10	Rs. 2,002.50
	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand).				
12	,	50	Sqm	Rs. 276.15	Rs. 13,807.50
	15 mm cement plaster on rough side of single or half brick wall of mix: 1:4 (1 cement: 4				
13	coarse sand).	50	sqm	Rs. 318.95	Rs. 15,947.50
	20 mm cement plaster of mix :1:4 (1 cement:		> <b>q</b>	2137 0 2017 0	1120 120 32 11 10 0
14	4 coarse sand) sqm	50	sqm	Rs. 379.70	Rs. 18,985.00
	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats				
15	applied @ 3.84 kg/10 sqm).	100	Sam	Dg 01 25	Da 0 125 00
15	Disposal of malba by mechanical means	100	Sqm	Rs. 91.25	Rs. 9,125.00
	including loading and unloading take out side				
	from campus to the dumping ground by truck of 5.50 cum.				
16		1	Truck	Rs. 3,500.00	Rs. 3,500.00
	Total				Rs. 198,696.25
	Say Total				198696

## Subject to be following terms & conditions:-

- 1. The work shall be executed as per CPWD specifications.
- 2. Income Tax as per norms shall be recovered from the bill.
- 3. 1% water and electrical charges will be recovered from the bill if supplied by the Department.
- 4. The work shall start within Two days from the date of award and complete within Thirty days failing which a penalty @ 1% per day delay will be imposed on the bill amount maximum upto 10%.
- 5. All the materials laboures, T&P etc. required will be arranged by the firms itself.
- 6. The agency shall deposit security @5% of the sanctioned amount including EMD.
- 7. The Director, IARI has the right to reject any or all the quotation/tenders without assigning any reason.
- 8. Percentage rate to be quote rate clearly mentioning if the rate is including GST or extra GST as per norms.

Percentage rate to be quoted above or below in figure:
In words:
Name with stamp & Signature of the Agency:

T.O. (Civil)