

**INVITATION FOR QUOTATIONS FOR CONSTRUCTION OF  
CIVIL WORKS UNDER SHOPPING PROCEDURES**

No. NAHEP/Quot/348/of 2019

Office of PI, NAHEP

Deptt. of UCES & EE,

Dr. PDKV, Akola

Date: 11/01/2019

To

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Dear Sirs,

Sub : INVITATION FOR QUOTATIONS FOR CIVIL & ELECTRICAL AND MINOR REPAIR AND RENOVATION WORK.

1. You are invited to submit your most competitive quotation for the following works:-

Brief Description of the Works			Approximate value of Works (Rs.)	Period of Completion
Sr. No	Particular and Specification	Quantity		
CIVIL WORK				Within a Thirty Days after Awarding the Contract
1.	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete C. S. R. Item No. 27.05	4.34 Sqm	26935.00	
2.	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete. [C. S. R. Item No. 21.37]	1.38 Cum	547.00	
3.	Providing and laying Cast in situ/Ready Mix cement concrete in M15 of trap/ granite/quartzite/gneiss metal for steps including steel centering, plywood/steel formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface, only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.),with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand [C. S. R. Item No. 24.04 Page No. 177]	0.88 Cum	4805.00	
4.	Providing internal cement plaster 20mm thick in two coats in cement mortar 1:5 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. complete C.S.R. Item No.32.06 Page No 176	2.55 sqm	1032.00	
5.	Scrapping the old plastered internal surface with sand paper and coating the entire surface with mixture of whitening or glue and linseed oil including scaffolding etc. complete as directed.[C. S. R. Item No. 36.19	942.71 Sqm	25217.00	
6.	Providing and applying priming coat on concrete/ masonry/ Asbestos Cement plastered surfaces including scaffolding if necessary, preparing the surface by thoroughly cleaning oil,	942.71 Sqm	27668.00	



	grease, dirt and other foreign matter and sand papering as required etc. complete.[C. S. R. Item No. 35.21]		
7.	Providing & applying washable oilbound distemper of approved colour and shade to old & new surfaces in two coats including scaffolding, preparing the surfaces. (including the primer coat.) etc. complete.. [C. S. R. Item No. 36.11 Page No.197]	942.71 Sqm	35021.00
8.	Providing and fixing in position. (as per I.S.1868 / 1982) Aluminium sliding window of two tracks with rectangular pipe having overall dimension 63.50 x 38.10 x 1.02 mm at weight 0.547 kg/Rmt. and window frame bottom track section 61.85 x 31.75 x 1.20 mm at weight 0.695 kg/Rmt. Top and side track section 61.85 x 31.75 x 1.30 mm at weight 0.659 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. And handle section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineer in charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass with all required screws and nuts etc. complete. With colour Anodising with box.(C.S.R. It. No. 39.37)	38.16 Sqm	193383.00
9.	Dismantling brick masonry in lime or cement mortar and stacking the materials as directed with all leads, lifts etc. complete.C.S.R. Item No 46.09 Page No.284	26.18 Cum	6537.00
10.	Removing cement tiles, or marble or polished shahabad floor or dado without bed concrete including stacking the materials as directed with all leads, lifts etc. complete. CSR It. No.46.19 Pg. No. 285)	219.22 Sqm	7355.00
11.	Providing and laying vitrified mirror / glossy finish tiles decorative type RAK/ Kajaria/ Nitco/ Asian or equivalent make having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and confirming to IS. 156222006 ( group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete. a) Flooring C.S.R. Item No.33.40	219.22 sqm	243236.00
12.	Providing and laying vitrified mirror / glossy finish tiles having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and confirming to IS. 15622-2006 ( group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete.b) Skirting C.S.R. Item No.33.41	5.90 Sqm	6868.00
13.	Providing & fixing of approved make PVC false ceiling on M.S. Rectangular hollow section 38 mm x 25 mm fixed to wall with PVC roll plugs and duly main runner & intermediate section of M.S. Square tube 25 mm x 25 mm duly coated with anti corrosive primer & ceiling panel made out of rigid PVC multichamber hollow section of size 6 mm x 250 mm Joined with concealed screws fixed on structure and no frame elements is visible from outside including suspenders and necessary holes cuts for light fixtures and remaking damaged surface etc complete. (Prior permission of S.E. to be obtained before inclusion of this item in this.) Spec No. As directed by Engineering -in -charge.Nagpur CSR It. No. 17 Page No. 73) (2015-16) Nagpur CSR It. No. 17 Page No. 74) (2016-17)	192.06 Sqm	393339.00
14.	Providing and fixing in position anodised extruded aluminum partitions, partly glazed and partly laminated having frame made out of extruded tubular section of size 40 mm x 60 mm with 12 mm thick three layered flat pressed teak wood particle board bonded with BWP type exterior grade phenol formaldehyde synthetic resin conforming to IS 128231990, laminated on both sides,Novateakor equivalent and 5 mm thick selected quality plain/ float glass panels	33.66 M <sup>2</sup>	94628.00



	fixed with aluminum glass clips 12 mm x 12 mm and rubber cushioning beading to glass partitions as per approved drawing etc. compete C. S. R. Item No. 39.72		
15.	Providing and fixing in position, Single shuttered aluminium extruded powder coated openable door of overall size 0.90 m x 2.40 m with aluminium door frame of powder coated section 101.60 x 44.75mm ,3.18 mm thick and shutter comprising of powder coated section having bottom and lock rail of size 150 mm x 44.5 mm x 3.00 mm thick top rails 47.62 x 44.45 mm x 3.00 mm thick , vertical style 47.62 x 44.45 mm, 3.00 mm thick and for shutter plain glass panes 5 mm thick for top panels and 12mm thick both side laminated phenol bonded particle board panels for bottom panels etc. , I.S.I. mark , heavy duty, Hydraulic floor spring of 150 kg capacity , having heavy duty concealed lock, necessary beading, glazing clips, PVC gaskets, 250mm length tower bolts, 150mm diam. pad handle, etc. as per detailed design and drawing or as directed by engineer in charge including all materials ,labours, and equipment etc.Complete [C. S. R. Item No. 39.64 ]	1.89 Sqm	14638.00
16.	Providing and laying handcut polished Kotah Stone flooring 25mm to 30mm thick and 30cm wide in plain/diamond pattern on a bed of 1:6 C.M. including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. complete.[C. S. R. Item No. 33.07 ]	184.24 Sqm	179671.00
17.	Removing teak wood trellies work with frame including stacking the materials as directed with all leads, lifts etc. complete (CSR It. No. 46.18)	135.80 Sqm	3422.00
<b>ELECTRICAL WORK</b>			
18.	Supplying & erecting mains with 2x1.5 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WGMA/ BW	150.00 m	5250.00
19.	Supplying & erecting mains with 2x1.5 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WGMA/ BW	150.00 m	2625.00
20.	Supplying & erecting mains with 2x2.5 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WGMA/ BW	200.00 m	10600.00
21.	Supplying & erecting mains with 2x2.5 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WGMA/ BW	500.00 m	13250.00
22.	Supplying & erecting mains with 2x4 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WGMA/ BW	300.00 m	21900.00
23.	Supplying & erecting mains with 2x4 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WGMA/ BW	100.00 m	3650.00
24.	Supplying & erecting mains with 2x6 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WGMA/BW	100.00 m	10200.00



25.	Supplying & erecting mains with 2x10 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WGMA/BW	50.00 m	8500.00
26.	Supplying & erecting mains with 4x16 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WGMA/BW	28.00 m	14392.00
27.	Supplying & erecting mains with 2x10 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WGMA/BW	50.00 m	4250.00
28.	Supplying & erecting mains with 2x6 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WGMA/BW	50.00 m	2550.00
29.	Supplying, erecting & terminating XLPE armoured cable 4 core 25 sq. mm. aluminium conductor with continuous 5.48 sq. mm. (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	100.00 m	22200.00
30.	Supplying, erecting & terminating XLPE armoured cable 4 core 50 sq. mm. aluminium conductor with continuous 5.48 sq. mm. (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	50.00 m	17350.00
31.	Supplying, erecting & terminating XLPE armoured cable 3 1/2 core 70 sq. mm. aluminium conductor with continuous 8.35 sq. mm. (10 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	50.00 m	21000.00
32.	Supplying, erecting & terminating XLPE armoured cable 3 core 6 sq. mm. aluminium conductor with continuous 5.48 sq. mm. (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	100.00 m	11600.00
33.	Point wiring in PVC trunking (casing-capping) with 1.5 sq.mm (2+1E) FR grade copper wire, modular type switch, earthing and required accessories as per specification No: WG-PW/SW	50.00 point	21650.00
34.	Point wiring for light/fan/bell concealed type in min 20 mm ISI marked HMS PVC conduit with 1.5 sq.mm. (2+1E) FR grade copper wires, modular type switch, earthing and required accessories as per specification No: WG-PW/CW	50.00 point	28900.00



35.	Supplying & erecting LED 20W tube light fitting (4 feet) with aluminium housing, heat sink, integrated HF electronic driver complete.	30.00 each	26340.00
36.	Supplying & erecting decorative pre-wired box type fitting/batten suitable for 4 feet, T8 LED tube light (excluding tube light).	30.00 each	7860.00
37.	Supplying and erecting square / rectangular shaped CRCA /diecast aluminium powder coated housing LED panel (slim edge-lit) light suitable for 25 to 32W with provision for plane front frame with translucent cover fixed to the housing complete.	20.00 each	59740.00
38.	Supplying and erecting CRCA /die-cast aluminium powder coated housing LED panel light (slim edge-lit) square / round shape suitable for 19 to 24 W with provision for plane front frame with translucent cover fixed to the housing complete.	15.00 each	23715.00
39.	Supplying and erecting square / round shaped CRCA /die-cast aluminium powder coated housing LED panel ( slim edge-lit) light suitable for 13W to18W with provision for plane front frame with translucent cover fixed to the housing complete.	10.00 each	9270.00
40.	Supplying and erecting street light Wall bracket made from 40 mm. dia 'B' class G.I. pipe 1.2 m in total length complete as per specification no. FG-BKT/WB	4.00 each	2668.00
41.	Supplying and erecting ISI mark modular type blanking plate one module, duly erected on provided plate & box.	20.00 each	360.00
42.	Supplying and erecting exhaust fan heavy duty 230 V A.C. 50 cycles 375/380 mm. 1400 RPM complete erected in position as per specification no. FG-FN/EXF	4.00 each	12652.00
43.	Supplying & fixing anchor type fastener fan hook, with 2 nos. of 10 mm dia x 75 mm long with necessary materials for ceiling fan.	4.00 each	368.00
44.	Providing recess in brick wall suitable for erection of exhaust fan up to 450mm. sweep complete with grouting of nut, bolts, plastering and colour washing to match the colour of the wall for the wall thickness of 375 mm.	4.00 each	1608.00
45.	Supplying and erecting UPVC reinforced flexible conduit 25 mm in dia. conforming to I.S. with required number of couplings, PVC bushes, check nuts etc. complete.	20.00 m	1680.00
46.	Supplying & installing UTP networking cat-6 cable suitable for LAN / WAN Computer net-working as per specification No. WG-COC/NC	200.00 m	8400.00
47.	Supplying & erecting telephone copper cable 4 pair with 0.5 mm dia. laid in provided PVC casing capping / conduit as per specification No. WG-TW	100.00 m	3200.00
48.	Supplying, installing & testing UTP connector (RJ-45) as per specification No. WG-NAS/UTPC.	20.00 each	1640.00
49.	Supplying and erecting PVC Surface modular switch box with double mounting plate for 2 modules duly erected.	5.00 each	600.00
50.	Supplying & erecting H.M.S. P.V.C. conduit 20 mm. dia. with necessary accessories in wall/floor with chiselling appropriately as per specification No: WG-MA/CC.	90.00 m	8370.00
51.	Supplying & erecting HMS P.V.C. conduit 25 mm. dia. with necessary accessories in wall/floor with chiselling appropriately as per specification No: WG-MA/CC.	110.00 m	11330.00



52.	Supplying & erecting HMS P.V.C. conduit 32 mm. dia. with necessary accessories in wall/floor with chiselling appropriately as per specification No: WG-MA/CC.	40.00 m	5560.00	
53.	Supplying and erecting fan hook box of 10 mm M.S. round bar bounded to the R.C.C. bars upto 50 mm length each side and pierced through a 16 S.W.G. thick aluminium/M.S. Bowl 100 mm dia. or equivalent square size and having depth upto 75 mm complete erected with duly painted by one coat of red oxide paint and two coats of paint erected in position and without any leakage of slurry of cement concrete on either side of the box and positioned to the bottom level of the slab.	10.00 each	1570.00	
54.	Supplying and erecting 'B' grade G.I. pipe / M.S. pipe down rod duly painted for fan complete erected with PVC three core flexible cable 1 sq. mm copper PVC wire.	10.00 m	2040.00	
55.	Supplying and erecting double pole metal clad switch with HC type fuse and neutral link 240V, 32A on iron / GI frame as per specification no. SW-SWR/MDP.	5.00 each	3695.00	
56.	Supplying, erecting & marking DPMCB 6 A to 32 A B-series (for lighting) in provided distribution board as per specification no. SWSWR/ MCB	2.00 each	868.00	
57.	Providing & erecting incoming and outgoing cable alleys suitable for MCCB panel board with door of 250A incoming and 6 way outgoing or 400A incoming and 4 way outgoing made from CRCA sheet 1.6 mm thick duly powder coated and having vertical insulated partition for shielding between the shared face of cableway and DB complete.	2.00 set	28304.00	
58.	Providing, erecting and commissioning 2 pole RCCB only of electromagnetic type with 30/100/300 mA sensitivity and having capacity of 40A complete as per specification no. SWRCCB/ RCCB	2.00 each	3754.00	
59.	Providing, erecting and commissioning 2 pole RCCB only of electromagnetic type with 30/100/300 mA sensitivity and having capacity of 63A complete as per specification no. SWRCCB/ RCCB	2.00 each	4896.00	
60.	Supplying and erecting single pole and neutral distribution board (SPNDB) surface/flush mounted with 2 ways for incoming and 6 ways for outgoing SP MCB's on iron/ GI frame as per specification no. SW-SWR/MCBDB	3.00 each	2229.00	
61.	Supplying and erecting single pole and neutral distribution board (SPNDB) surface/flush mounted with 2 ways for incoming and 10 ways for outgoing SP MCB's on iron/ GI frame as per specification no. SW-SWR/MCBDB	3.00 each	2850.00	



62.	Supplying & erecting triple pole and neutral distribution board (TPNDB) with door surface/ flush mounted SPMCB of 12 ways, on iron /GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB	3.00 each	6096.00	
63.	Supplying & erecting triple pole and neutral distribution board (TPNDB) with door surface/ flush mounted SP / TP MCBs of 12 ways, on iron/ GI frame (vertical busbar type) as per specification no. SW-SWR/MCBDB	3.00 each	12876.00	
64.	Supplying & erecting triple pole and neutral distribution board (TPNDB) with door surface/ flush mounted suitable for 3 pole MCCB as incomer & outgoing SP MCB (24 poles) or TP MCB of 8 ways (24 poles) , on iron/ GI frame. (vertical busbar type) as per specification no. SW-SWR/MCBDB1	2.00 each	13218.00	
65.	Supplying & erecting triple pole and neutral distribution board (TPNDB) with door surface/ flush mounted suitable for 3 pole MCCB as incomer & outgoing SP MCB (36 poles) or TP MCB of 12 ways (36 poles) on iron/ GI frame. (vertical busbar type) as per specification no. SW-SWR/MCBDB1	1.00 each	8691.00	
66.	Supplying & erecting original 1.25 mm CRCA sheet metal enclosures with 20A. 2 pin plug & earth socket and 20A. 3 pin plug top with 20A/30A single pole MCB complete erected on angle iron/ GI frame.	3.00 each	2100.00	
67.	Supplying & erecting original 1.25 mm CRCA sheet metal enclosures with 10A. 2 pin plug and earth socket and 10A, 3 pin plug top with 10A single pole miniature circuit breakers erected on angle iron/ GI frame complete.	6.00 each	4302.00	
68.	Supplying, erecting & marking FPMCB 40A to 63A in provided distribution board as per specification no. SW-SWR/MCB	12.00 each	14784.00	
69.	Supplying and erecting double pole switch surface type/ flush type 240V, 32A with indicator lamp & fuse as per specification no. SWSWR/BDP.	4.00 each	648.00	
70.	Supplying, erecting & marking SPMCB 6A to 32A, B-series (for lighting) in provided distribution board as per specification no. SWSWR/MCB	2.00 each	328.00	
71.	Supplying and erecting ISI mark modular type (two module) electronic step regulator for fan, duly erected on provided plate and box with wiring connections complete. Note: Add Rs 57/- for additional two module box with double mounting plate if required.	20.00 each	6960.00	
72.	Supplying and erecting regular/ standard model ceiling fan of 1400mm. sweep complete erected in position as per specification no. FG-FN/CF	20.00 each	37900.00	



73.	Supplying and erecting ISI mark modular type switch 6A / 10A duly erected on provided plate and box with wiring connections complete.	48.00 each	3120.00
74.	Supplying and erecting ISI mark modular type switch 16A duly erected on provided plate and box with wiring connections complete.	16.00 each	1408.00
75.	Supplying and erecting ISI mark modular type 3 pin 6A multi sockets with safety shutter, duly erected on provided plate and box with wiring connections complete.	48.00 each	5088.00
76.	Supplying and erecting ISI mark modular type 3 pin 6 / 16A multi socket with safety shutter, duly erected on provided plate and box with wiring connections complete.	16.00 each	2512.00
77.	Supplying and erecting ISI mark modular type blanking plate one module, duly erected on provided plate & box.	2.00 each	36.00
78.	Supplying and erecting PVC Surface modular switch box with double mounting plate for 6 modules duly erected.	6.00 each	1266.00
79.	Supplying and erecting PVC Surface modular switch box with double mounting plate for 12 modules duly erected.	6.00 each	1860.00
80.	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 3 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	2.00 each	422.00
81.	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 6 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	6.00 each	1656.00
82.	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 12 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	6.00 each	2646.00
83.	I.C. / M.C. switches / D.P. / D.B. / T.P. / feeder pillar etc.	20.00 kg	3100.00
84.	Supplying & erecting original 1.25 mm CRCA sheet metal enclosures with 20A. 2 pin plug & earth socket and 20A. 3 pin plug top with 20A/30A single pole MCB complete erected on angle iron/ GI frame.	10.00 each	7000.00
85.	Supplying and erecting PVC trunking (PVC casing-ncapping) of size 32 mm with accessories on wall/ceiling as per specification No: WG-MA/CON.	300.00 m	12600.00
86.	Supplying and erecting PVC trunking (PVC casing-ncapping) of size 40 mm with accessories on wall/ceiling as per specification No: WG-MA/CON.	100.00 m	6300.00
87.	Providing earthing with galvanized iron earth plate size 60 x 60 x 0.6 cm complete with all materials, testing & recording the results as per specification no. EA-EP	5.00 each	19655.00
88.	Supplying and erecting ding dong / electronic musical type call bell with heavy duty coil suitable to operate on 230V A.C. supply erected on polished double wooden block/sunmica block of suitable size	3.00 each	369.00

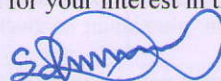


89.	Supplying, erecting & marking SPMCB 6A to 32A, C-series (for motor/power) in provided distribution board as per specification no. SW-SWR/MCB	48.00 each	7344.00
90.	Supplying, erecting & marking SPMCB 6A to 32A, B-series (for lighting) in provided distribution board as per specification no. SWSWR/MCB	20.00 each	3280.00
91.	Supplying and erecting slotted angles, frames etc. for panel board or any other purposes complete with bending, cutting, drilling and welding complete erected at the position with necessary materials duly painted with one coat of red oxide and two coats of enamel paint to match the switchgears or as per directions by the authority	85.00 kg	9945.00
92.	Supplying and erecting iron, sheet metal work consisting of CRCA sheets, various sections of iron, plates, chequered plates, rods, bars, MS pipes, etc. for panel board or any other purpose with bending, cutting, drilling and welding complete erected at the position with necessary materials duly painted with one coat of red oxide and two coats of enamel paint to match the switchgears or as per directions by the authority.	110.00 kg	14410.00
93.	Supplying and erecting triple pole metal clad HC type rewirable fuse and switch 415V, 63A with neutral link on angle iron /GI frame as per specification no. SW-SWR/MTP.	4.00 each	10200.00
94.	Supplying and erecting triple pole metal clad switch and fuse 415V, 100A with neutral link on angle iron / GI frame as per specification no. SW-SWR/MTP .	3.00 each	14430.00
95.	Supplying and erecting triple pole metal clad switch rewirable fuse 415V, 200A with neutral link on angle iron / GI frame as per specification no. SW-SWR/MTP.	2.00 each	15636.00
96.	Supplying and erecting triple pole metal clad HC type rewirable fuse and switch 415, V 32A with neutral link on angle iron / GI frame as per specification no. SW-SWR/MTP.	4.00 each	5012.00
97.	Supplying and erecting bus bar chamber triple pole with neutral with four aluminium bars, 500V 800A complete as per specification no. CP-BB	2.00 m	20358.00
98.	Supplying, erecting & terminating XLPE armoured cable 4 core 10 sq. mm. aluminium conductor with continuous 5.48 sq. mm. (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	100.00 m	15300.00
99.	Supplying, erecting & terminating XLPE armoured cable 4 core 6 q. mm. aluminium conductor with continuous 5.48 sq. mm. (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	50.00 m	6400.00
100.	Supplying and erecting D.O.L. Starter 400V. 3 phase, 50 cycles with no volt coil and overload element with necessary materials and connected to supply for 10 H.P.	3.00 each	7254.00



101.	Supplying and erecting fully Automatic star/delta starter suitable for above 15 H.P. upto 25 H.P. squirrel cage motor totally enclosed with overload and no volt relay complete erected on provided angle iron frame.	2.00 each	24904.00	
102.	Supplying and erecting triple pole and neutral distribution board (TPNDB) surface/ flush mounted SP /TP MCBs of 12 ways on iron / GI frame (vertical busbar type) as per specification no. SW-SWR/MCBDB	4.00 each	15344.00	
103.	Erection and fitting air conditioners of 2 ton capacity for training room/labs (CSR It. No. 3.2.7) @ 62944	3.00 each	188832.00	
Civil work Rs.			1264302.00	
Electrical work Rs.			821207.00	
<b>Total Rs.</b>			<b>2085509.00</b>	
Add 4% Contengency			83420.00	
0.50% Labour insurance			10428.00	
<b>Total Rs.</b>			<b>2179357.00</b>	
Add for GST 12%			261523.00	
<b>Total Rs.</b>			<b>2440880.00</b>	
<b>Say Rs.</b>			<b>24,40,880/-</b>	

2. Government of India has received a financing from the International Bank of Reconstruction and Development (IBRD) towards the cost of the National Agricultural Higher Education Project (NAHEP) and intends to apply part of the proceeds of this Loan to eligible payments under the contract for which this invitation for quotations is issued.
3. The NAHEP Project is being implemented by Indian Council of Agricultural Research (ICAR), which is an autonomous society registered under the Societies Registration Act.
4. To assist you in the preparation of your quotation, we are enclosing the following :
  - i. Layout Drawings of the works;
  - ii. Structural Details;
  - iii. Detailed Bill of Quantities, with estimated rates and prices;
  - iv. Technical Specifications;
  - v. Instructions to Bidders (in two sections).
  - vi. Draft Contract Agreement format which will be used for finalizing the agreement for this Contract.
5. You are requested to provide your offer latest by 17.00 hrs. on 21/01/2019.
6. Quotations will be opened in the presence of Bidders or their representatives who choose to attend at 5.00 PM on 21/01/2019 in the office of PI, National Agricultural Higher Education Project, Deptt. of UCES&EE, Dr. PDKV, Akola.
7. We look forward to receiving your quotations and thank you for your interest in this project.



Name: PI, National Agricultural Higher Education Project  
 Address: Deptt. of UCES&EE, Dr. PDKV, Akola  
 Tel. No.: 7588763787  
 Email.: [nahep.akl@gmail.com](mailto:nahep.akl@gmail.com)



## Instructions to Bidders

### SECTION - A

#### 1. Scope of Works

The PI, NAHEP, Dr, PDKV, Akola (Employer) invites quotations for the construction of works as detailed in the table given below

Brief Description of the Works	Approximate value of Works (Rs.)	Period of Completion
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**As per description given in Quotation Notice of  
value (work) Rs. 24,40,880/- approximately**

The successful bidder will be expected to complete the works by the intended completion date specified above.

#### 2. **Qualification of the bidder** : The bidder shall provide qualification information which shall include :-

- (a) total monetary value of construction works performed for each year of the last 3 years :
- (b) Income tax clearance certificate from the concerned IT circle;
- (c) Report on his financial standing; and
- (d) Details of any litigation, current or during the last 3 years in which the bidder is involved, the parties concerned and disputed amount in each case.

#### 3. To qualify for award of the contract the bidder:-

- (a) should have satisfactorily completed as a prime contractor at least one similar work of value not less than Rs. 500,000 in the last three years;
- (b) should possess valid electrical license for executing building electrification works (in the event of the works being sub - contracted, the sub-contractor should have the necessary license);
- (c) should possess required valid license for executing the water supply/sanitary works (in the event of the works being sub-contracted, the sub-contractor should have the necessary license);



#### **4. Bid Price**

- a) The contract shall be for the whole works as described in the Bill of quantities, drawings and technical specifications. Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
- c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- d) The rates should be quoted in Indian Rupees only.

#### **5. Submission of Quotations**

- 5.1** The bidder is advised to visit the site of works at his own expense and obtain all information that may be necessary for preparing the quotation.
- 5.2** Each bidder shall submit only one quotation.
- 5.3** The quotation submitted by the bidder shall comprise the following :-
  - (a) Quotation in the format given in Section B.
  - (b) Signed Bill of Quantities ; and
  - (c) Qualification information form given in Section B duly completed.
- 5.4** The bidder shall seal the quotation in an envelope addressed to the PI, NAHEP, Dr, PDKV, Akola (Purchaser). The envelope will also bear the following identification :-
  - Quotation for Civil and electrical minor repair and renovation work (Name of the Contract)
  - Do not open before \_\_\_\_\_ (time and date of quotation opening).
- 5.5** Quotations must be received in the office of the PI, NAHEP, Dr, PDKV, Akola (Employer) not later than the time and date given in the letter of invitation . If the specified date is declared a holiday, quotations shall be received upto the appointed time on the next working day.
- 5.6** Any quotation received by the . PI, NAHEP, Dr, PDKV, Akola, (Employer) after the deadline for submission of quotations will be rejected and returned unopened to the bidder.

#### **6. Validity of Quotation**

Quotation shall remain valid for a period not less than 45 days after the deadline date specified for submission.



## **7. Opening of Quotations**

Quotations will be opened in the presence of bidders or their representatives who choose to attend on the date and time and at the place specified in the letter of invitation.

8. Information relating to evaluation of quotations and recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with the process until the award to the successful bidder is announced.

## **9. Evaluation of Quotations**

The Employer will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) meet the qualification criteria specified in clause 3 above;
- (b) are properly signed ; and
- (c) conform to the terms and conditions, specifications and drawings without material deviations.

## **10. Award of contract**

The Employer will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price and who meets the specified qualification criteria.

- 10.1 Notwithstanding the above, the Employer reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

- 10.2 The bidder whose bid is accepted will be notified of the award of contract by the Employer prior to expiration of the quotation validity period.

## **11. Performance Security**

Within 15 days of receiving letter of acceptance, the successful bidder shall deliver to the ..... (Employer) the performance security (either a bank guarantee or a bank draft in favour of the Employer) for an amount equivalent of 3 % of the contract price. The Performance Security shall be valid till the expiry of the period of maintenance of the work, specified in clause 12.

## **12. Period of Maintenance :**

The "Period of Maintenance" for the work is six months from the date of taking over possession or one full monsoon season whichever occurs later. During the period of maintenance, the contractor will be responsible for rectifying any defects in construction free of cost to the Employer.

13. Purchase of all construction materials including cement and steel as per the specifications (ISI certification marked goods wherever available) shall be the responsibility of the contractor.
- .....



## QUALIFICATION INFORMATION

### 1 For Individual Bidders

#### 1.1 Principal place of business: \_\_\_\_\_

Power of attorney of signatory of Quotation.

*[Attach copy]*

#### 1.2 Total value of Civil Engineering construction work performed in the last three years (in Rs. Lakhs)

20 \_\_\_\_\_

20 \_\_\_\_\_

20 \_\_\_\_\_

#### 1.3 Work performed as prime contractor (in the same name) on works of a similar nature over the last three years.

<u>Project Name</u>	<u>Name of Employer</u>	<u>Description of work</u>	<u>Contract No.</u>	<u>Value of contract (Rs. Lakhs)</u>	<u>Date of issue of work order</u>	<u>Stipulated period of completion</u>	<u>Actual date of completion</u>	<u>Remarks explaining reasons for delay and work completed</u>
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Existing commitments and on-going works:

<u>Description of Work</u>	<u>Place &amp; State</u>	<u>Contract No. &amp; Date</u>	<u>Value of Contract (Rs. Lakh)</u>	<u>Stipulated period of completion</u>	<u>Value of works* remaining to be completed (Rs. Lakhs)</u>	<u>Anticipated date of completion</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)

\* Enclose a certificate from Engineer concerned.



**1.4** Proposed subcontracts and firms involved.

Sections of the works	Value of Sub-contract	Sub-contractor (name & address)	Experience in similar work
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*
*	*	*	*

**1.5** Evidence of access to financial resources to meet the requirements of working capital : cash in hand, lines of credit, etc. List them below and attach copies of support documents.

**1.6** Name, address, and telephone, telex, and fax numbers of the Bidders' bankers who may provide references if contacted by the Employer.

**1.7** Information on litigation history in which the Bidder is involved.

Other party(ies)	Employer	Cause of dispute	Amount involved	Remarks showing present status



## QUOTATION

\*

Description of the Works:

To:

Subject : Construction of .....  
.....

Reference : Letter No.....dated.....from.....

Sir,

We offer to execute the Works described in your letter referred to above in accordance with the Conditions of Contract enclosed therewith at ..... percentage above / below the estimated rates, i.e., for a total Contract Price of -

Rs.\*\* ..... [ in figures ]

Rs. .... [ in words ].

This quotation and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any quotation you receive.

We hereby confirm that this quotation is valid for 45 days as required in Clause 6 of the Instructions to Bidders.

Yours faithfully,

Authorized Signature : Date: .....

Name & Title of Signatory : .....

Name of Bidder : .....

Address : .....

\* To be filled in by the Employer before issue of the Letter of Invitation.

\*\* To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.