



NATIONAL INVESTIGATION AGENCY
Ministry of Home Affairs, Government of India
S/No.41/14, Khanamet, Madhapur
Near Hightech City Railway Station
Hyderabad – 500080

No. 01/Works-VZA/NIA/2018/

Dated, the 10 Apr.,2019.

CORRIGENDUM

Please refer to this office Tender Notice No. 01/Works/BZA/NIA-Hyd/2018-19 dated 4/4/2019 inviting bids for repair/renovation/modifications for quarter No. C-18, 6th Battalion, APSP, Mangalagiri, Guntur (Andhra Pradesh).

2. Revised Specifications/details of work are enclosed as Annexure-A. Bidders are requested to submit their bids in accordance with works mentioned in Annexure-A accordingly.
3. Other contents of the tender noticed referred above will remain unchanged.

(S. Praveen Kumar, IPS)
Dy. Inspector General,
NIA, Hyderabad.

Annexure-A

The details/specification of proposed work

S.No.	Description of Item	Unit	QTY	Rate	Amount
1.0	Civil Work				
1.1	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.	sqm	55		
1.2	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	sqm	6.4		
1.3	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sqm	40		
1.4	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In- Charge.	sqm	125		

1.5	Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge. Note: Measurement and payment: The pre- measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/ mm ²).				
1.5.1	25 mm average thickness in 2 layers.	sqm	20		
1.6	Providing and laying four courses water proofing treatment with bitumen felt over roofs consisting of first and third courses of blown bitumen 85/25 or 90/15 conforming to IS : 702 applied hot @ 1.45 Kg per square metre of area for each course, second course of roofing felt type 3 grade-I (hessian based self finished bitumen felt) and fourth and final course of stone grit 6 mm and down size or peasized gravel spread at 6 cubic decimeter per square metre, including preparation of surface but excluding grading complete with :				
1.6.1	Bitumen felt (hessian base) type 3 grade I conforming to IS : 1322	sqm	60.29		
1.7	Grading roof for water proofing treatment with				
1.7.1	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	cum	2		
1.8	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :				
1.8.1	New work (two or more coats) over and including water thinnable priming coat with cement primer	sqm	200		
1.9	Finishing walls with water proofing cement paint of required shade				
1.9.1	New work (Two or more coats applied @ 3.84 kg/10 sqm)	sqm	139.98		
1.10	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge.				
1.10.1	Kiln seasoned and chemically treated hollock wood				
1.10.1.1	30 mm thick shutters	sqm	8.64		

1.11	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.				
1.11.1	Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble/ Kadapa Black stone				
1.11.1.1	Area of slab over 0.50 sqm	sqm	3		
1.12	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :				
1.12.1	Kitchen sink with drain board				
1.12.1.1	510x1040 mm bowl depth 200 mm	each	1		
1.13	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				
1.13.1	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	sqm	21.87		
1.13.2	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	sqm	11.16		
1.14	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	sqm	100		
2.0	Fencing				
2.1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.				
2.1.1	All kinds of soil	cum	1.92		

2.2	Providing and laying in position 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size), cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level :	cum	0.97		
2.3	Hot dipped galvanized iron chain link 8 gauge - (4.0 mm) as per IS: 2721-1979:2"x2" (50 mm x 50 mm) - 8 Gauge (BMT - F -20)	sqm	92.8		
2.4	S&F 50 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239. ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete (BMW - F.89)	RMT	50.4		
3.0	Sanitary				
3.1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 liter low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
3.1.1	W.C. pan with ISI marked white solid plastic seat and lid	each	1		
3.2	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:				
3.2.1	White Vitreous China Flat back wash basin size 450x 300 mm with single 15 mm C.P. brass pillar tap	each	1		
3.3	S & F 150 x 100 mm SWG Gully Trap (1st Class) with C.I Grating on Top and Construction o Brick Masonry Chamber etc. and fitted ith 230 mm x 305 mm RCC Cover	each	1		
3.4	Supplying and laying 110 mm Dia PVC/SWR pipes of approved make of 4Kg/Cm2 confirming to IS: 13592-1992, ith necessary UPVC pipe clips @ 5' intervals and jointed with solvent cement including cutting of walls and floors and making the same Good, Cost and Conveyance of all material to site, Labour Charges etc. complete for finished item of work.	RMT	10		
3.5	Supplying, laying, Jointing and testing of 110 mm Dia PVC/SWR pipes of approved make of 4Kg/Cm2 confirming to IS: 13592-1992, ith necessary UPVC pipe clips @ 5' intervals and jointed with solvent cement including excavation of trenches and socket pits in any soil (except rock requiring blasting) upto 0.91 m depth and reiling ith excavated soils, watering, tamping, cost and Conveyance of all material to site, Labour Charges etc. complete for finished item of work.	RMT	15		

3.6	Supplying and laying 75 mm Dia PVC/SWR pipes of approved make of 4Kg/Cm2 confirming to IS: 13592-1992, with necessary UPVC pipe clips @ 5' intervals and jointed with solvent cement including cutting of walls and floors and making the same Good, Cost and Conveyance of all material to site, Labour Charges etc. complete for finished item of work.	RMT	10		
3.7	Supplying and fixing of approved make CPVC pipes and fittings to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper tube size 1/2" to 2" SDR 11 pipes are made from identical CPVC compounds having the same physical properties for HOT and Cold water (IS 15778:2007) for the size of 22.20 mm OD pipe - SDR 13.5	RMT	10		
3.8	Supplying and fixing of approved make CPVC pipes and fittings to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper tube size 1/2" to 2" SDR 11 pipes are made from identical CPVC compounds having the same physical properties for HOT and Cold water (IS 15778:2007) for the size of 28.60 mm OD pipe - SDR 13.5	RMT	25		
3.9	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.				
3.9.1	Circular tank	Ltr	1000		
3.10	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931				
3.10.1	15 mm nominal bore	each	2		
3.11	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.				
3.11.1	15 mm nominal bore	each	1		
3.12	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.				
3.12.1	15 mm nominal bore	each	3		
3.13	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 meter long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	each	1		
3.14	Supplying and fixing 76.2 mm (3") dia UV resistant UPVC SR Nahani trap with jali of approved ISI brand including cost and conveyance of all materials to site, Labour etc. complete or finished item of work.	each	2		

3.15	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :				
3.15.1	Rectangular shape 453x357 mm	each	1		
3.16	Supplying & fixing gun metal gate (GM PEET) Valve as per IS - 778 class -1 Indian make heavy type of 25mm NB size 1st quality with all necessary fittings including cost and conveyance of a materials to site, about charges etc. complete	each	1		
3.17	Supplying & fixing gun metal gate (GM PEET) Valve as per IS - 778 class -1 Indian make heavy type of 32mm NB size 1st quality with all necessary fittings including cost and conveyance of a materials to site, about charges etc. complete	each	1		
3.18	Supplying & fixing gun metal gate (GM PEET) Valve as per IS - 778 class -1 Indian make heavy type of 40mm NB size 1st quality with all necessary fittings including cost and conveyance of a materials to site, about charges etc. complete	each	1		
3.19	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	each	1		
3.20	Constructing 457.2 x 457.2 mm brick masonry inspection chamber with CM (1:6) prop.using 2nd class clay bricks of 225 mm thick and fitted with 457.2 x 457.2 mm RCC cover up to a depth of 914.4 mm and laying Cement concrete (1:4:8) 150 mm thick using 40 mm HBG meta and PCC (1:2:4) benching and channel 100 thick as per standard for finished item of work.	each	1		
	Taxes if any				
	Total				

S.No.	Description of Item	Unit	QTY	Rate	Amount
	Electric Works				
1	Supply and fixing of 25 mm outer dia heavy (2.20mm thickness) grade with IS-9537 part 3 regid PVC (ISI Mark) concealed in wall with all required accessories including masonry work for light ,fan and separate plug point including all labour charge etc. complete. make Sudhakar/ Modi/VIP/GM	RMT	50		
2	Wiring with 2 runs of 14/0.3mm (1.0 Sqmm) FRLS/ HFRR PVC insulated 1100 V grade as per IS-694/1990 specification flexible copper cable in existing pipe with 6A one way modular switch with modular HDG metal box and cover frame of same make including all labour charges etc. complete for light, bell, fan and exhaust fan points in Non-Residential Buildings. Wire Make- Polycab/GM/Finecab/HPL), Switshes Make- Legrand Arteor/ Schneider Zen Celo/ GM-Zenova	Nos.	30		
3	Supply and fixing of 6/10A 3/2 pin modular plug socket with 6/10A one way modular switch control on a common switch board covered with 3 module HDG metal box and cover frame of same make including earth connections along with all labour charges etc. complete. Make- Legrand Arteor/ Schneider Zen Celo/ GM-Zenova	Nos.	8		
4	Supply and fixing of 16/20A modular 1 way socket with shutter and 16/20A modular switch duly recessed in wall with 3 modular HDG metal box and cover frame of same make including earth connections along with all labour charges etc. complete. Make- Legrand Arteor/ Schneider Zen Celo/ GM-Zenova	Nos.	4		
5	Supply and fixing of 16/20A 1 way modular switch-1 no with 20 A modular socket 1 no. and 6/10 A 3/2 pin modular plug socket- 3 nos with 6A 1 way modular switch 3 nos with 12 module HDG metal box and cover with 12 module cover frame of same make including earth connections along with all labour charges etc. complete. (For Computer switch board) Make- Legrand Arteor/ Schneider Zen Celo/ GM-Zenova	Nos.	4		
6	Supply, transportation and fixing of 16W/20W , 1600/2000 lumens 1200mm length LED batten light, input voltage AC 220-260V with PF 0.9, surge protection 2KV THD 15% with inbuilt driver and frosted cover CCT 3000K-57000K, minimum CRI 70 etc complete. Make Phillips/Havells/GE/Crompton	Nos.	4		
7	Supply, transportation and fixing of 12W LED Slim Panel Round /Square suitable for recessed/ surface mounting made of diecast alluminium body with powder coating , acrylic diffuser with Driver as per IS 15885 (Part 2/sec 13) 2012, operating voltage range of 150 to 265 V AC PF 0.9, surge protection 2KV THD 10% with high power LED's. Make Phillips/Havells/GE/Crompton	Nos.	14		

8	Supply, transportation and fixing of 36W or 28 W recessed/ surface mounting 2"x2" LED luminaire made of CRCA sheet housing with powder coating with acrylic diffuser , Constant current Drive as per IS 15885 (Part 2/sec 13) 2012, operating voltage range of 150 to 265 V AC PF 0.9, surge protection 2KV THD 10% with high power LED's. Make Phillips/Havells/GE/Crompton	Nos.	8		
9	Supply and fixing of frish air exhaust fan of light duty 250 V AC 50 Hz 225 mm (9")/ 300 mm size (12") 900 RPM metallic body plastic blades wire mesh etc. Make- Havells/ Bajaj/ Crompton	Nos.	1		
10	Supply and fixing of TPN DB with IP-43 protection suitable for three phase ELCB/RCCB/FP isolator as incomer and 10KA SP MCBs as out going including internal connection and labour charges for surface/ flush mounting etc. complete.	Each	1		
11	Supply and run of 2 of 22/0.3mm (1.5 Sqmm) FRLS/HFFR/ZHFR PVC insulated 1100 V grade as per IS 694/1990 specification for copper cable in existing pipe for mains including all labour charges etc. complete. Make- Polcab/HPL/Power flex	RMT	75		
12	Supply and run of 2 of 36/0.3mm (2.5 Sqmm) FRLS/HFFR/ZHFR PVC insulated 1100 V grade as per IS 694/1990 specification for copper cable in existing pipe for mains including all labour charges etc. complete. Make- Polcab/HPL/Power flex	RMT	50		
13	Supply and run of 4 of 84/0.3mm (1.0 Sqmm) FRLS/HFFR/ZHFR PVC insulated 1100 V grade as per IS 694/1990 specification for copper cable in existing pipe for mains including all labour charges etc. complete. Make- Polcab/HPL/Power flex	RMT	50		
14	Supply and run of 1 of 14/0.3mm (6 Sqmm) FRLS/HFFR/ZHFR PVC insulated 1100 V grade as per IS 694/1990 specification for copper cable in existing pipe for mains including all labour charges etc. complete. Make- Polcab/HPL/Power flex	RMT	125		
15	Supply and Fixing of 48" (1200mm) Sweep, 5 star rated ceiling fan, with double ball bearing, power input not more than 53 W, air delivery more than 218 cubic meter /min and service value 4.11 but without regulator including cost and conveyance of all materials etc. complete. Make- Crompton/Havells/Orient	Nos.	8		
16	Supply and fixing of modular electronic step type regulator for ceiling fans 900/1200/1400mm sweep complete erected on existing board.	Nos.	8		
	Taxes if any				
	Total				