



(NIT NO. 11/ 2022-23) ('G' Schedule) (Copy No. 1)

**Name of Work :-** Construction and Maintenance of Urinal / Community Toilet / Bathroom (**Pacake-4**)**Estimated Cost :- Rs. 48.00 Lacs****Tender Cost:- Rs. 1500/-****Completion Period :- 6 Months****Processing Fees :- Rs. 1000/-****Earnest Money :- 0.50%****Rs. 24000/-****2.00%****Rs. 96000/-****Date of Sale of Tender (Website)****: 22-07-2022 to 12-08-2022****Date of Sale of Tender****: 22-07-2022 to 12-08-2022****Date of Receipt EMD/Tender/Possessing Fees****: 16-08-2022 ( Upto 02:00 PM)****Date of Opening Technical BID****: 16-08-2022 (05:00 PM)****Date of Opening Financial BID****: तकनिकी बिड परीक्षण के पश्चात्****Issued****To:****C.R. No.****Date****Rate Based on RUIDP SOR 2017& Non SOR Item**

S.N.	Description	Qty.	Unit	Rate	Amount
1	Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m	240.00	Cum	164.00	39360.00
2	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level : 1:4:8 (1 cement : 4 fine/ coarse sand : 8 graded stone aggregate 20 mm nominal size)	33.60	Cum	3120.00	104832.00
3	Random rubble masonry with hard stone in foundation and plinth : Cement mortar 1:6 (1 cement : 6 coarse sand)	57.60	Cum	3190.00	183744.00
4	Random rubble dry stone Kharanja (soling) under floor.	36.00	Cum	1360.00	48960.00
5	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	48.00	Cum	4700.00	225600.00
6	Brick work with FPS bricks of class designation 75 in superstructure above plinth level upto two stories in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	144.00	Cum	4300.00	619200.00



7	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size).	120.00			
8	Cement plastering including T&P, scaffolding, material and complete labpour, including cost of water, curing, racking of joints etc. with 12 mm cement plaster of mix : 1:6 (1 cement : 6 fine/ coarse sand)	1344.00	Sqm	138.00	185472.00
9	Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. 1501 Cm2 to 3600 Cm2 Tiles	36.00	Sqm	2870.00	103320.00
10	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution.	492.00	Sqm	79.50	39114.00
11	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using flats 30x6mm for iagonal braces and central cross piece.	132.00	Sqm	2680.00	353760.00
12	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265mm sizes respectively with automatic flushing cistern with standard flushpipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern.	13.00	Nos	3510.00	45630.00
13	Providing and fixing 1st quality ceramic glazed vitrified tiles of colour standard white, grey, ivory, fume, red brown, light green, light blue, and other light shades with water absorbtion less than or equal to 0.08% confirming to IS : 13753 & IS : 15622 in floor, steps etc laid on bed on neat cement slury finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the the cost of cement plaster on wall and pillar) Size 600mm x 600mm	192.00	Sqm	1310.00	251520.00



14	Providing, lowering, laying in trenches, aligning, fixing in position and jointing socketed rubber gasket type ISI marked uPVC pipes of Class III (6 Kg/sqcm) suitable for potable water with rubber ring joints (as per IS 4985-2000) of following outer dia with all accessories (excluding specials) complete including all material, labour, hydraulic testing and commissioning as per Technical Specifications and as per direction of Engineer. 110 mm dia	240.00	Mtr	273.00	65520.00
15	Poly propylene - Random - Co - polymer (PPR) pipes SDR 7.4 - 25 mm outer dia.	240.00	Mtr	82.90	19896.00
16	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 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.	14400.00	Ltr	6.50	93600.00
17	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	1200.00	Kg	87.50	105000.00
18	Providing and fixing PTMT bib cock of approved quality and colour. 15mm nominal bore, 86 mm long. Weighing not less than 88 gms.	20.00	Nos	101.00	2020.00
19	Providing and fixing PTMT bib cock of approved quality and colour. 15 mm nominal bore, 122mm long. Weighing not less than 99 gms.	20.00	Nos	143.00	2860.00
20	Providing and fixing PTMT bib cock of approved quality and colour. 15 mm nominal bore, 165mm long. Weighing not less than 110 gms.	20.00	Nos	157.00	3140.00
21	Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern 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 : White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.	15.00	Nos	3570.00	53550.00
22	Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern 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 : Stainless Steel AISI-304(18/8) Orissa pattern W.C. pan of size 585x480 mm with flush pipe and integrated type foot rests.	3.00	Nos	6980.00	20940.00



23	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid.	3.00	Nos	4590.00	13770.00
24	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 32 mm dia	7.00	Nos	56.00	392.00
25	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rail of T iron 40x40x6mm with 40mm dia, steel pulleys complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	47.25	Sqm	5280.00	249480.00
26	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps.	2.00	Nos	2050.00	4100.00
27	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes SDR 7.4 U V stabilized & anti microbial fusion welded, having thermal stability for hot & cold water supply including all PP - R plain & brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall. PN - 16 Pipe, 20 mm OD	96.00	Mtr	164.00	15744.00
28	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes SDR 7.4 U V stabilized & anti microbial fusion welded, having thermal stability for hot & cold water supply including all PP - R plain & brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall. PN - 16 Pipe, 25 mm OD	96.00	Mtr	240.00	23040.00
29	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.	6.00	Nos	1930.00	11580.00
30	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 : Rectangular shape 453x357mm	3.00	Nos	751.00	2253.00
31	Distempering with dry distemper of approved brand and manufacture (two or more coats) and of required shade on new work, over and including priming coat of whitening to give an even shade.	360.00	Sqm	65.50	23580.00



32	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	360.00			
33	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. upto two stories excluding cost of centring, shuttering, finishing and reinforcement : 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	69.60	Cum	5360.00	373056.00
34	Centring and shuttering with plywood or steel sheet upto two stories or height upto 7.5 metre above plinth level including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform.	576.00	Sqm	287.00	165312.00
35	Reinforcement for R.C.C. work at all levels including straightening, cutting, bending, placing in position and binding all complete. Thermo-Mechanically Treated bars.	7200.00	Kg	51.50	370800.00
36	Providing and fixing on wall face Unplasticised Rigid PVC Single socketed pipes rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. 110 mm diameter	36.00	Mtr	253.00	9108.00
37	Providing and fixing 1st quality MAT & GLOSSY finished ceramic tiles colour such as standard white, grey, ivory, fume, red brown, light green, light blue, and other light shades with water absorbtion less than or equal to 0.08% confirming to IS : 13753 & IS : 15622 in floor, steps etc laid on bed on neat cement slury finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the the cost of cement mortar bed 1:4) Size 250mm x 375mm	804.00	Sqm	770.00	619080.00
38	Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic viebro pressed machine and fully computerized automatic batching plant of class A1/A2 as per BS 6717:2001. The CC interlocking paving blocks be laid on average 50mm. thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per specifications. Tensile splitting strength, abrasion and braking load etc. as per BS 6717:2001, Grey cement. 80mm thick	192.00	Sqm	578.00	110976.00



39	Wiring of light point / fan point / exhaust fan point / call bell point with 1.5 sq. mm FR PVC insulated unsheathed 1.1kV grade flexible copper conductor and 1.5 sq.mm FR PVC insulated copper earth conductor (IS:694) of approved make in double lock/ ISI marked single lock pvc casing capping & it's accessories, 18 SWG M.S. box with earth terminal, screwless cage connectors for neutral looping in switch board & false ceiling point, 6 A switch 3.0 mm thick phenolic laminated sheet, zinc plated / brass screws, cup washers , making connections, testing etc. as required. Medium point (up to 6 mtr.)	96.00	Point	322.00	30912.00
40	P&F 240/415 V MCB of breaking capacity not less than 10 KA (B/ C/ D tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets including making connections with lugs, testing etc. as required. Single pole & neutral MCB. 6 A to 32 A rating	18.00	Nos	466.00	8388.00
41	Providing & Laying XLPE insulated / P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor Armoured of IS:7098-I/1554-1 approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand, second Class bricks covering, refilling earth, compaction of earth, making necessary connection, testing etc. as required of size. 4 core	192.00	Mtr	140.00	26880.00
42	P & F of IP20 LED Recessed/ Surface Mounted Round/ square Non Dimmable Downlight with die-cast aluminum housing & Heat sink for heat dissipation, high purity reflector with external driver having efficiency > 85% and in compliance to IEC standards. ( supplied together with luminaire) Power consumption of =< 7w/10w/8w/12w/15w/18W with 100/500/750/1100/1250 lumens, system lumen, efficeancy of 70 lm / Watt or 100 lm / Watt output suitable to replace 1x18W/ 2x18w/2x26w CFL downlights, life time of 50000 Burning Hours with 70% of intial Lumen maintained. CCT 3000° K, 4000° K and 6000° K. Fixture shall be CE Compliance. LED downlight 8 W	72.00	Nos	688.00	49536.00
43	P&F of thermoplastic/ PVC cable junction boxes (United/ HPL make) of following sizes including clamps for holding the box, cost of DIN rail for MCB mounting, connectors for cables terminals, threaded cable glands made of polyamide material etc. complete in all respect. 175mm X 150mm X100mm	15.00	Nos	450.00	6750.00
44	Stainless Steel (Grade 304) work welded in built up sections/ framed work/ sheet work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates, sheet work and similar works. <b>Non SOR Item</b>	76.00	Kg	619.00	47044.00
<b>TOTAL</b>					<b>4799979.00</b>





## Terms & Conditions:-

1. Conditional tender shall not be accepted.
2. In case of any error in rates or nomenclature, the same shall be paid as per RUIDP SOR 2017 & Non SOR Item.
3. निविदाओं में भाग लेने वाले संवेदक/फर्मों द्वारा जमा की जाने वाली टेण्डर फीस एवं धरोहर राशि के डी.डी. आयुक्त नगर निगम कोटा-दक्षिण के नाम एवं प्रोसेसिंग फीस (MD RISL) जयपुर के नाम देय होगी। उक्त निविदा शुल्क/प्रोसेसिंग शुल्क/धरोहर राशि के डी.डी. नियत समय में जमा कराया जाना होगा।
4. कार्य के विलम्ब की स्थिति में गुणावगुण के आधार पर अनुबन्ध में निहित अधिकतम दर तक शास्ती लगाई जा सकेगी।
5. संवेदक कार्य प्रारम्भ करने से पूर्व, कार्य के दौरान एवं कार्य समाप्ति कार्य स्थल के फोटोग्राफ प्रस्तुत करने होंगे एवं कार्य स्थल पर सूचना बोर्ड स्वयं के खर्चे पर लगाना होगा।
6. संवेदक कार्य प्रारम्भ करने से पूर्व संबंधित सहायक/कनिष्ठ अभियन्ता, संबंधित वार्ड पार्षद/जन प्रतिनिधि को सूचित करेगा एवं उनके सामने गुणवत्ता रिपोर्ट हेतु सैम्पल लिया जाना सुनिश्चित करेंगे।
7. न्यूनतम मजदूरी एक्ट एवं श्रम कानूनो की पालना किया जाना अनिवार्य होगा।
8. निर्माण कार्यों में नियोजित श्रमिकों का कर्मचारी भविष्य निधि योजना के अन्तर्गत पंजीयन करना तथा पी.एफ. एवं ई.एस.आई. करा कर संबंधित विभाग (ई.पी.एफ.ओ.) से अदेयता प्रमाण पत्र कार्य के अन्तिम बिल के साथ प्रस्तुत करना होगा।
9. कार्य सम्पादन प्रतिभूति/सुरक्षा निधि की वापसी अनुबन्ध की शर्त संख्या 37 के अनुसार होगी।
10. तृतीय पक्षकार टेस्ट रिपोर्ट प्रत्येक बिल के साथ अधिशाषी/सहायक अभियन्ता से प्रमाणित करा कर प्रस्तुत करनी होगी।
11. संवेदक द्वारा निष्पादित किये जाने वाले अनुबन्ध में यह तथ्य भी स्पष्ट रूप से उल्लेख करेगा कि पी.एफ. और ई.एस.आई. विभाग के किसी प्रकार के दायित्व सृजित होते हैं तो उसकी समस्त जिम्मेदारी संवेदक की होगी।
12. वित्त विभाग की अधिसूचना दिनांक 22.10.2021 अनुसार आर.टी.पी.पी. नियम 2013 Additional Performance Security के लिये नियम 75 ए जोड़ा गया है। Work Performance Guarantee के रूप में कार्य आदेश जारी करने से पूर्व ली जावेगी तथा इसे कार्य के संतोषजनक रूप से पूर्ण होने के पश्चात् निर्धारण दोष निवारण अवधि के उपरान्त कार्य की स्थिति संतोषजनक पाये जाने पर ही संवेदक को रिफंड की जावेगी।
13. तकनिकी बिड खोलने की तिथि पर किसी भी कारण वश अवकाश होने पर आगामी कार्य दिवस पर प्राप्त व खोली जावेगी।
14. संवेदक निविदा से संबंधित निविदा शुल्क/प्रोसेसिंग शुल्क/धरोहर राशि के डी.डी. इत्यादि फर्म के नाम से बनवाये।
15. निविदा में भाग लेने वाले संवेदको को निविदा शुल्क/प्रोसेसिंग फीस/धरोहर राशि के डी.डी./ऑन लाइन जमा रसीद की प्रति अनिवार्य रूप से नगर निगम कोटा-दक्षिण कोष में जमा करना होगा जो कि वापस नहीं किये जायेंगे।
16. सम्पूर्ण निविदा प्रक्रिया आरटीपीपी एक्ट 2012 एवं नियम 2013 के अधीन होगी।
17. संवेदक को नियोजित श्रमिकों का कर्मचारी भविष्य निधि योजना के अन्तर्गत पंजीयन करना तथा पी.एफ. एवं ई.एस.आई. करा कर संबंधित विभाग (ई.पी.एफ.ओ.) से अदेयता प्रमाण पत्र कार्य के अन्तिम बिल के साथ प्रस्तुत करना होगा।
18. संवेदक को तकनिकी बिड में पी.एफ. एवं ई.एस.आई. के रजिस्ट्रेशन की प्रति संलग्न करनी होगी।
19. नगरीय विकास एवं आवासन विभाग राजस्थान सरकार द्वारा जारी आदेश क्रमांक प.01 (24) नविवि/।/2020 लूज जयपुर दिनांक 20.09.2021 अनुसार विकास कार्यों की निविदाओं में संवेदको द्वारा बी.एस.आर. दर से कम डालने पर अन्तर राशि (AT PAR की दर से जितनी कम है) वर्क परफोरमेंस गारन्टी के रूप में कार्यादेश जारी होने से पूर्व जमा करानी होगी।
20. अनुबन्ध करने में असमर्थ रहने अथवा कार्य करने में असमर्थ रहने पर नियमों के अन्तर्गत आपकी रिस्क एण्ड कोस्ट पर नगर निगम को कार्य करने का/जमा योग्य अर्नेस्ट मनी की शास्ती लगाने की कार्यवाही करने का नगर निगम को अधिकार सुरक्षित रहेगा।

I / We hereby agree to execute the work :

At the Rate \_\_\_\_\_ %Above/Below (in words)

At the Rate \_\_\_\_\_ %Above/Below (in Figures)



—प्रारूप—  
(लेटरहेड)

सहमति—पत्र

श्रीमान अधिशाषी अभियन्ता,  
नगर निगम कोटा—दक्षिण।

विषय : अपनी निविदा हेतु सहमति के संबंध में।

प्रसंग : निविदा क्रमांक.....

महोदय,

विषयान्तर्गत निवेदन है कि मैं सत्यनिष्ठा पूर्वक अपनी निम्न सहमति प्रस्तुत करता हूँ :-

- (1) निविदा प्रपत्र पर मेरे स्वयं के हस्ताक्षर हैं।
- (2) निविदा दर स्वयं मेरे द्वारा भरी गई है।
- (3) मेरे द्वारा प्रस्तुत रजिस्ट्रेशन मेरा स्वयं का है एवम् पूर्णतया वैध है।
- (4) कार्य मेरे द्वारा ही सम्पादित किया जायेगा एवं इसे Sublet नहीं किया जायेगा।
- (5) किसी भी प्रकार की गलत जानकारी के लिये मैं स्वयं उत्तरदायी रहूँगा।

दिनांक : .....

(हस्ताक्षर संवेदक मय सील)