

Tender Inviting Authority: Mr. Pravat Kumar Subudhi, DGM (Mech.), T&C

Name of Work: Sanitary Piping, Repairing and External Colouring of the Quarters of the NALCO Nagar Township, Bhubaneswar

Contract No:TNCC-051/2025

Name of the Bidder/
Bidding Firm /
Company :

PRICE SCHEDULE

Note:

1. This BOQ template must not be modified/replaced by the bidder and the same shall be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only.

2. Bidders are required to quote on % (Percentage) basis, either Plus (+) or Minus (-) of the total declared estimate in figure, in the Online Percentage BOQ format on online mode only.

3.The bidder shall quote their rates upto two decimal places only. Decimal digit beyond two will be rounded off to two decimal for evaluation/placement of the order.

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1.00	Earth work in excavation in all kind of soil including soft rock by mechanical means (Hydraulic excavator) / manual means in foundations, drain, trenches, pavements, manholes, wall footings, pipe lines, cable trenches, pits and over area cuttings etc. for all kinds of works including dressing of sides and ramming of bottoms lift up to 1.5m including getting out the excavated soil and disposal or stacking of surplus excavated materials within a lead up to 50 mtrs, disposed earth to be leveled and neatly dressed as directed with all cost complete as per drawing, specification and direction of Manager in charge	50	Cu m	149.18	7459.00	INR Seven Thousand Four Hundred & Fifty Nine Only

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1	2	3	4	5	6	7
2.00	Repairing of old damaged plaster Repairing of old damaged plaster with cement mortar 1:4 (1 cement:4 coarse sand) of variable thickness from 12 to 20mm on patches of area of affected portion including cutting the damaged plastering surface in a geometrical shape , dismantling the old damaged plaster by mechanical means, raking out joints, cleaning the old surface, surface preparation with bonding agent i.e SIKA LATEX PROPER /or equivalent as per manufacturer specifications and plastering the surface of the walls at all height up to 15 mtr from ground level with all cost including providing, fixing and removal of scaffolding, curing of plaster with adequate arrangement, collection and disposal of rubbish at low lying areas as per the direction of Manager-in-charge. (Supply of SIKA LATEX PROPER/equivalentproduct will be paid under relevant items.) Net repairing area will be measured for payment.	10000	Sq m	296.03	2960300.00	INR Twenty Nine Lakh Sixty Thousand Three Hundred Only
3.00	Demolishing RCC work Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	150	Cu m	1468.43	220264.50	INR Two Lakh Twenty Thousand Two Hundred & Sixty Four and Paise Fifty Only
4.00	RCC work Reinforced cement concrete work (1:1.5:3) 1cement 1.5 fine sand 3 graded stone aggregate of 20mm size)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	50	Cu m	8603.63	430181.50	INR Four Lakh Thirty Thousand One Hundred & Eighty One and Paise Fifty Only

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5.00	Centering shuttering Centering and shuttering including strutting, propping etc. and removal of form for :suspended floors ,roofs,landings,balconies and access platform	200	Sq m	466.80	93360.00	INR Ninety Three Thousand Three Hundred & Sixty Only
6.00	Carriage of building debris Carriage of building debris upto a distance of 5.0Kms by mechanical means including loading,unloading and stacking.	300	Cu m	151.11	45333.00	INR Forty Five Thousand Three Hundred & Thirty Three Only
7.00	15mm thick cement plaster 15mm CEMENT PLASTER (IN COARSE SAND)1:6 (1 cement 6 coarse sand)	2000	Sq m	210.68	421360.00	INR Four Lakh Twenty One Thousand Three Hundred & Sixty Only
8.00	Pdg/laying water proofing on roof Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying: a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670	150	Sq m	467.25	70087.50	INR Seventy Thousand & Eighty Seven and Paise Fifty Only
9.00	Supplying and applying SBR latex/ Supply and apply SBR latex for water proofing and repair by using Dr.Fixit pedicrete URP/SIKA latex or equivalent product as per manufacturers specification etc complete	300	kg	429.00	128700.00	INR One Lakh Twenty Eight Thousand Seven Hundred Only

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10.00	Supplying and applying rust remover/ Supply and apply of Sika Rust off 100 /rust remover of pidilite as per manufacturer's specification etc complete.	50	Liter	359.70	17985.00	INR Seventeen Thousand Nine Hundred & Eighty Five Only
11.00	Supplying and applying primer Supply and apply of Sikarust Stp/pidilite epoxy zinc primer as per manufacturer's specification etc complete	50	Liter	1773.75	88687.50	INR Eighty Eight Thousand Six Hundred & Eighty Seven and Paise Fifty Only
12.00	pdg/applying crack paste Providing and applying Dr.Fixit Crack X paste or equivalent product for crack filler as per manufacturer's specification for external and internal cracks	50	kg	495.00	24750.00	INR Twenty Four Thousand Seven Hundred & Fifty Only
13.00	Anchoring reinforcement Anchoring of reinforcement with cement grout for repairing of cantilever slab, sun shade, RCC wall etc of dia of reinforcement from 8mm to 10mm depth of anchoring shall be 150mm on existing RCC structure.	600	NO	285.15	171090.00	INR One Lakh Seventy One Thousand & Ninety Only
14.00	Steel reinforcement Steel reinforcement with thermo mechanically treated bars for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level	1000	kg	82.10	82100.00	INR Eighty Two Thousand One Hundred Only

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15.00	Providing and applying two coats of Asian Paints Apex Ultima Suprema / Ultima stretch suprema with silicon additive of approved shade as over one coats of Asian Paints Smart Care Dampproof Suprema primer (Fiber reinforced elastomeric liquid applied water proofing membrane) as per specification. Scope of this work includes: 1. Surface cleaning using water. 2. Putty touchup & Crack filling up to 2mm thickness using Asian Paints Smartcare Crack Seal	45000	Sq m	198.00	8910000.00	INR Eighty Nine Lakh Ten Thousand Only
16.00	Painting with plastic emulsion paint of approved brand and manufacturer to give an even shade in wall, ceiling of any kinds including cleaning and preparation of surface with all bye works as per instruction of EIC- New work (two or more coats) . This item is for colouring the walls inside the staircase. Brand: Asian panits (Royal Sign)	10000	Sqm	75.71	757100.00	INR Seven Lakh Fifty Seven Thousand One Hundred Only
17.00	Distempering with oil bound distemper Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade: Old work (one or more coats including cleaning of existing surface by mechanical means, surface preparation, watering, arrangement and scaffolding etc. complete. This item is for colouring the roof of the staircase. Brand: Asian Paints	1000	Sq m	35.10	35100.00	INR Thirty Five Thousand One Hundred Only

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18.00	Painting with synthetic enamel paint Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: One or more coats on old work including cleaning of existing surface by mechanical means, surface preparation, watering, arrangement and scaffolding etc. complete. This item is for colouring the metal grills. Brand: Asian Paints (Gloss Enamel)	1000	Sq m	52.80	52800.00	INR Fifty Two Thousand Eight Hundred Only
19.00	Painting synthetic enamel paint 2 or more Painting with synthetic enamel paint on steel work of required colour shade : Two or more coats over a coat of primer (which will be paid extra) including cleaning of existing surface by mechanical means, surface preparation, arrangement and scaffolding etc. complete. As per the brand approved by Engineer in charge. This item is for colouring the metal grills. Brand: Asian Paints	1000	Sq m	80.78	80780.00	INR Eighty Thousand Seven Hundred & Eighty Only
20.00	Applying grey primer Applying priming coat: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including cleaning of existing surface by mechanical means, surface preparation, watering, arrangement and scaffolding etc. complete.	100	Sq m	38.78	3878.00	INR Three Thousand Eight Hundred & Seventy Eight Only
21.00	Pdg/applying putty Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer (Asian/ Berger) over the repaired plastered wall surface to prepare the surface even and smooth complete including cleaning, surface preparation, scaffolding etc. complete. as per the direction of Engineer in charge	7500	Sq m	114.08	855600.00	INR Eight Lakh Fifty Five Thousand Six Hundred Only

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22.00	Pdg/applying water thinable cemen primer Providing and applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface: Water thinnable cement primer including cleaning, surface preparation, scaffolding etc. complete. As per the direction of Engineer in charge. This item is for priming the walls of staircase.	100	Sq m	41.33	4133.00	INR Four Thousand One Hundred & Thirty Three Only
23.00	Supplying and applying redoxide primer Supplying and applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works including cleaning, surface preparation, scaffolding etc. complete.	100	Sq m	31.05	3105.00	INR Three Thousand One Hundred & Five Only
24.00	providing fixing double scaffolding Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube/bamboo 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes/bamboo, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it thereafter .The scaffolding system shall be stiffened with bracings, runners ,connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	10000	Sq m	190.65	1906500.00	INR Nineteen Lakh Six Thousand Five Hundred Only

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25.00	Add for drip course Add for plaster drip course/groove in plastered surface or moulding to R.C.C. projections.	2000	Meter	33.38	66760.00	INR Sixty Six Thousand Seven Hundred & Sixty Only
26.00	Providing neat cement punning Providing neat cement punning as per direction of Engineer in charge including water curing etc complete	500	Sq m	46.65	23325.00	INR Twenty Three Thousand Three Hundred & Twenty Five Only
27.00	Pdg/laying pcc1:2:4 Providing and laying cement concrete in, up to floor five level, excluding the cost of centering, shuttering and finishing :1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including watering curing etc complete	15	Cu m	6788.60	101829.00	INR One Lakh One Thousand Eight Hundred & Twenty Nine Only
28.00	Removing oil bound distemper Removing dry or oil bound distemper, water proofing cement paint, algae, fungi and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	30000	Sq m	11.25	337500.00	INR Three Lakh Thirty Seven Thousand Five Hundred Only
29.00	Hacking of concrete floor /pavements/ plinth protection/wall surface etc at a spacing of 50mm chisel, hammer etc. carefully for bonding of new work with old work as per the direction of Engineer-in-charge.	7200	Sq m	17.57	126504.00	INR One Lakh Twenty Six Thousand Five Hundred & Four Only
30.00	Dismantling of CI/AC/PVC rain water pipe/ waste pipe Up to 150mm dia pipe with fittings, clamps and stacking at owner's store as directed.	50	RM	25.80	1290.00	INR One Thousand Two Hundred & Ninety Only
31.00	Providing and fixing MS/GI holder bat clamps of approved design to CI/ PVC pipe including drilling MS screw 75mm length and PVC clips etc. including cutting hole and racking gap all bye works complete 100mm dia pipe	1200	No	150.03	180036.00	INR One Lakh Eighty Thousand & Thirty Six Only

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32.00	Providing and fixing of PVC pipe & fittings-110 mm PVC pipe (4 kg/m) Brand: Supreme	5000	RM	412.39	2061950.00	INR Twenty Lakh Sixty One Thousand Nine Hundred & Fifty Only
33.00	Providing and fixing of PVC pipe & fittings-110 mm Plain Bend Brand: Supreme	300	Each	360.84	108252.00	INR One Lakh Eight Thousand Two Hundred & Fifty Two Only
34.00	Providing and fixing of PVC pipe & fittings-110 mm Tee Brand: Supreme	100	Each	257.74	25774.00	INR Twenty Five Thousand Seven Hundred & Seventy Four Only
35.00	Providing and fixing of PVC pipe & fittings-110 mm Door Tee Brand: Supreme	600	Each	360.84	216504.00	INR Two Lakh Sixteen Thousand Five Hundred & Four Only
36.00	Providing and fixing of PVC pipe & fittings-110 mm door bend Brand: Supreme	800	Each	360.84	288672.00	INR Two Lakh Eighty Eight Thousand Six Hundred & Seventy Two Only
37.00	Providing and fixing of Slotted cowl (terminal guard) 110 mm dia	300	Each	304.75	91425.00	INR Ninety One Thousand Four Hundred & Twenty Five Only
38.00	Providing and laying half brick masonry with FPS kiln burnt brick of class 50B in cement mortar 1:4 (1 cement : 4 sand) in any shape, including the cost of materials, labour, scaffolding/staging, sampling and testing, soaking of bricks, cutting and laying of bricks, providing openings of any shape and size, raking out the joints, curing etc. all complete as per specification.-In foundation and plinth for all depth below plinth level.	400	Sq m	532.07	212828.00	INR Two Lakh Twelve Thousand Eight Hundred & Twenty Eight Only
39.00	Supply and installation of Gully trap cover of size 2'x2' made of FRP	500	Each	3000	1500000.00	INR Fifteen Lakh Only
40.00	Writing of lettering with approved white synthetic enamel paint (per CM height of letter) as per direction of Engineer in charge.	10000	per letter per cm height	2.42	24200.00	INR Twenty Four Thousand Two Hundred Only
Total in Figures					22737503.00	INR Two Crore Twenty Seven Lakh Thirty Seven Thousand Five Hundred & Three Only
Quoted Rate in Figures			Select		0.00	INR Zero Only

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Quoted Rate in Words		INR Zero Only				