

Name of work : Repair Works for Administration Building (Leak Proofing Works)

INKEL LIMITED

Door No. 7/473ZA – 5 & 6, 2nd Floor, Ajjiyal Complex,
Kakkanad, Cochin – 682030
(Phone: 0484 - 2978101)

No. NIQ/INKEL/EKM/2018-19/209

Date: 29th January 2019**NOTICE INVITING QUOTATION****Name of Work: Repair Works (Leak Proofing) for Administration Building at MIV CFS
Vallarpadam**

Sealed quotations are invited by M/s INKEL Limited on behalf of MIV Logistics Pvt Ltd, having its registered office at Door No. 7/473ZA – 5 & 6, 2nd Floor, Ajjiyal Complex, Kakkanad, Cochin 682030, so as to reach the undersigned on or before **08/02/2019** up to 2.30pm for carrying out the work listed below. The quotations received will be opened at 3.00pm on the same day. The description of works to be carried out and list of approved makes is attached along with this document. The rates quoted shall be final and all-inclusive and nothing extra will be paid on any account. The quotations for submission shall not be sent by post or courier.

Specific Conditions**1. Eligibility Criteria**

The intending bidders should have completed at least one work of similar nature costing not less than Rs.7, 50,000/- (Seven lakh fifty thousand only) within last 3 years. Certificates to this effect from the competent authority are to be enclosed with the quotation.

2. Issue Of Quotation

The intending bidder, who has the requisite experience in this field, can obtain the quotation formats from INKEL Office on any working day between 10am & 4pm up to 07/02/2019, free of cost. Quotation formats can also be downloaded from our website www.inkel.in

3. Percentage Rate Contract

This work shall be percentage rate contract inclusive of all taxes. The contractor shall quote his percentage value above or below the estimated total cost of work. The contractor shall carry out the works as per the specifications.

4. Location of Site – MIV Container Freight Station, Vallarpadam

5. The intending bidders should visit the site before submission of quotation. For site visit, contact Ph-9495964360

6. The successful bidder has to sign an agreement with M/s INKEL Limited on non-judicial stamp paper worth Rs.200/- within 7 days of receipt of the acceptance letter.

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7. Performance Guarantee

7.1 The successful bidder within 7 days of receipt of the acceptance letter is required to submit an irrevocable Performance Guarantee of 5% of the total quoted amount in the form of DD/BG in favour of M/s INKEL Limited, payable at Cochin –682030. The performance guarantee shall be released upon completion of work.

7.2 The performance guarantee will be refunded after recording of the completion certificate of the work by the Engineer-in-charge.

8 Security deposit amount

A security deposit / retention amount at the rate of 2.5% of the value of work shall be deducted from the running bills and which shall be released upon completion of defects liability period.

9 Period Of Construction

The period of contract shall be **60 days**. Commencement of the work shall be considered from the 7th day of receipt of acceptance letter.

10 All Inclusive Rates

The contractor's rate must be firm and include the cost of transportation, loading/unloading of materials to the site, GST, statutory levies & applicable cess etc and the fixing or placing in position for which the item of work is intended to be operated. . **The rates quoted by the contractor shall be firm throughout the contract period and there shall be no upward revision of the rates quoted by the contractor for any reasons whatsoever.**

11 Compensation For Delay

10.1 A penalty of INR 1000/ day shall be withheld from the contractor for delay in completion of work. The withheld amount shall be released if the completion of whole of works is finished as per the above period of completion.

10.2 However, the total compensation for delay deductible against Liquidated Damages (LD) whether for non-achievement of milestone or for final completion shall not exceed 10% of the contract value.

12 INKEL Limited reserves the right to rescind the contract if the contractor fails to start the work within 1/8th of stipulated time or fails to complete the work within the stipulated time, after serving 7 days notice to this effect by INKEL Limited and the balance works will be executed at the risk and cost of the contractor.

13 Defects Liability Period

Any defect developed within the Defect Liability Period of twelve months will have to be rectified by the contractor at their own cost and in case the defects are not rectified by the contractor, INKEL or its authorized representative shall get the work done at the risk and cost of the contractor.

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14 Co-Ordination Of Work

The contractor must co-ordinate with other contractors involved in other related works within the site to minimize the disruption of continuous works.

15 Statutory Payments

GST or any other taxes / statutory levies applicable to this contract will be deducted from each successive running bills and the final bill, as per the provisions in the act.

16 Water And Electricity

The contractor shall make his own arrangement for water and electricity required for the work. INKEL shall take no responsibility for the supply of either electricity or water.

17 Employment Card

The Contractor shall issue an employment card to each worker on the day of work or entry into his employment. If a worker has already any such card with him issued by the previous employer, the contractor shall merely endorse that Employment Card with relevant entries. On termination of Employment, the Employment Card shall again be endorsed by the contractor and returned to the worker.

18 Register Of Workmen

A register of workmen shall be maintained in the form appended to these regulations and kept at the work site or as near to it as possible, and the relevant particulars of every workman shall be entered therein within THREE days of his employment.

19 ESI / EPF Documents

Along with each running bill, the contractor shall also submit ECR Chellan copy along with a copy of muster roll certified by concerned PM on monthly basis to INKEL Limited

20 Payment terms

20.1 No advance payment shall be made. Monthly bills based on the progress of work and as certified by Project Manager/Engineer- in charge

20.2 All payments will be processed within 15 days of certification of correct invoice and bill, along with the payment certificate issued by Engineer in charge.

20.3 Final payment shall be at the end of the contract period based on the successful completion of work and as certified by Engineer in charge.

Authorized Signatory
INKEL Limited
Cochin -682030

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LIST OF APPROVED MAKE OF MATERIAL

1	Cement	Malabar, Ultra Tech, Zuari, Ramco, ACC, India Cements, Dalmia, Ambuja or any other approved brand
2	Reinforcement Steel (TMT)	Tata, Vizag, SAIL, TISCO, JSW or equivalent as approved
3	Admixtures	FOSROC, BASF, Pidilite, Sika or equivalent as approved
4	Structural Steel, MS Plates, Angles, Channels, Beams etc	Tata, Vizag, SAIL, JSW or equivalent as approved
5	MS pipes, Tubes, Hollow sections etc	Tata, SAIL, JSW
6	Door hardware	Dorma , Ozone, Godrej, Dorset, Hafele , King, Everite, Dyna, Magnum, Spider or equivalent as approved
7	Locks/Latches	Godrej, Harrisons, Spider, Yale
8	Plain float glass & Mirror	Saint Gobain, Asahi, Modiguard or equivalent as approved
9	High Performance Glass / Clear Glass/Reflective glass	Saint Gobain, ASAHI India Glass Ltd or equivalent as approved
10	Gypsum Board	Gyproc by Saint Gobain, USG Boral, Armstrong, Everest or equivalent as approved.
11	GI Section for Partitions & False Ceiling	Saint Gobain – Gyproc or equivalent as approved
12	Aluminum Structural Members	Jindal, Hindalco Industries Ltd or equivalent as approved
13	Vitrified/Ceramic tile	HR & Johnson, Euro, Asian, Kerroges, Nitco, Somany, Kajaria, RAK or equivalent as approved
14	Tile Adhesive / Solid Epoxy Grout	Weber, Bal Endura Adhesives (India) Pvt. Ltd, Toyo Ferrous Crete (P) Ltd, Pidilite Industries Limited Ltd, Kerakoll, Laticrete, Eurobuild or equivalent as approved.
15	White Cement	ACC, Birla, JK White
16	Paint & Primer, Distemper	ICI (Akzonobel), Berger, Asian, Jotun or equivalent as approved
17	Water Proof Cement paint	Super Snowcem, Supercem or equivalent as approved
18	Wall Putty	Birla White, NCL, Altek, Berger, ICI or equivalent as approved
19	Water proofing compound	Roffe, Fosroc, Sika, Pidilite, BASF, or equivalent as approved
20	Sealers	ICI (Akzonobel), Berger, Asian or equivalent as approved
21	Galvalume Roofing sheet	JSW, Tatashaktee or equivalent as approved
22	Epoxy Paint	Forsroc, STP Ltd, Cera –chem, Sika, Don Chemicals, Eurobuild or equivalent as approved

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23	Silicon Sealant	Dow corning, GE Silicon or equivalent as approved
24	PU Sealant	Pidilite, Sika, Fosroc, Tuff seal or equivalent as approved
25	Polyethylene baker rod	Supreme or equivalent as approved
26	Epoxy based chemical for anchoring grout	FISHER, HILTI India Pvt Ltd or equivalent as approved
27	Welding rode	ESAB, Adwani or equivalent as approved
28	Frosted Film	Birla 3M, Lumar, Ultra Mark or equivalent as approved
29	Adhesive Tape/Double sided tape/ Single sided multipurpose Adhesive	3 m, Scotch Tape, Bow Tape, norton or equivalent as approved
30	Stainless steel	Salem Steel, Indalco, Jindal or equivalent as approved
31	Expansion Anchors	HILTI, Fischer or equivalent as approved
32	Bolts /Screws	HILTI, Fischer, Kundan,Puja or equivalent as approved

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Schedule of Quantities

SI No.	Description of item	Unit	Quantity	Rate(Rs)	Amount(Rs)
Leak Proofing of External Walls					
SH 1 - Dismantling & Demolishing					
1	Raking out of cement plaster from the external walls and preparing the surface for re-pointing or replastering, including disposal of rubbish to the dumping ground, removing all loose particles using air pump or other proper tools etc. all complete as per direction of Engineer-in-Charge	Sqm	525.00	49.60	26,040.00
2	Removing the old damaged Aluminium flashing between walls & structural glazing	Mtr	32.00	15.00	480.00
3	Removing & Cleaning the existing silicon sealant filling around the structural glazing	Mtr	175.00	25.00	4,375.00
4	Dismantling aluminium doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material within 50 meters lead as directed by Engineer-in-charge	Sqm	75.00	35.50	2,662.50
5	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. Complete	Sqm	260.00	15.80	4,108.00
SH 2 - Scaffolding					

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6	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 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, 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.	Sqm	980.00	233.80	2,29,124.00
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SH 3 - Cantilever Canopy

7	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, including the cost of centering, shuttering and finishing using concrete grade: 1:1½:3 (1 cement : 1½ coarse sand (zone-III) : 3 graded stone	Cum	3.00	19,311.00	57,933.00
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	aggregate 20 mm nominal size).				
8	Supplying & Fixing of anchor bolts into RCC beam using Hilti RE 500 chemical as per manufacture recommendation including drilling, cleaning and fixing work. - 12mm dia bolts	No	112.00	164.00	18,368.00
9	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, bending, welding, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete..	Kg	3000.00	137.00	4,11,000.00
10	Providing and fixing profiled Galvalume roofing sheet straight or curved profile of approved colour as per drawings, with TCT 0.48 mm, high tensile cold rolled GMF as per AS-1397 standard coating class AZ150 zinc-aluminum alloy coating mass, total of both sides, 550MPA yield strength confirming to AS-1397 standard. Galvanized steel as per IS:277 (zinc coating mass / 245 MPa yield strength)	Sqm	105.00	850.00	89,250.00
11	Providing and fixing "L" shape flashing using powder coated 16 gauge Aluminium sheet, 200 x 300mm size, above chajja, using suitable size screws to all works complete as directed by the Engineer in charge.	Mtr	90.00	421.00	37,890.00
SH 4 – Plastering & Painting					

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12	Filling the gap in between aluminium/ stone/ wood frame and adjacent RCC/ Brick/Stone/Wood/Ceramic Gypsum work by providing weather structural non sag elastomeric PU sealant over backer rod of approved quality as per Architectural drawings and direction of Engineer in charge etc. complete complying to ASTM C 920,DIN 18540-F & ISO 11600. Upto 10mm depth and 10mm width.	Mtr	88.00	194.50	17,116.00
13	Filling the gap in between aluminium/ stone/ wood frame and adjacent RCC/ Brick/Stone/Wood/Ceramic Gypsum work by providing weather structural non sag elastomeric PU sealant over backer rod of approved quality as per Architectural drawings and direction of Engineer in charge etc. complete complying to ASTM C 920,DIN 18540-F & ISO 11600. upto 20mm depth & 20mm width	Mtr	88.00	359.00	31,592.00
14	Providing water proof cement plastering -18 mm thick in two coats - under layer 12 mm thick cement plaster 1:5 (1Cement:5 coarse sand) and a top layer of 6mm thick cement plaster 1:3 (1 Cement:3 coarse sand), including mixing water proofing compound of approved brand in cement plaster work and finished rough with sponge including cost and conveyance of all materials, labour, curing, lead lift , etc. complete as directed by Engineer-in-Charge at all levels.(Outer plastering) (Water proofing liquid will be paid separately)	Sqm	525.00	394.20	2,06,955.00

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15	Extra for providing and mixing water proofing compound Dr Fixit Pidiproof 101 LW+ or approved equivalent in cement mortar for plastering in proportion recommended by the manufacturer.	per 50kg bag of cement	69.00	73.51	5,072.19
16	Providing and applying two or more coats(applied @ 3.28ltr/10sqm) of textured exterior paint Sandtex matt of required shade over and including base coat of water proofing cement paint applied @2.20kg/10sqm for exterior surfaces after scraping and cleaning the surface including cost and conveyance of all materials, primer, labour charges, scaffolding, etc. complete as per manufacturer's specifications and as directed by Engineer-in-charge at all levels - exterior walls, etc.	Sqm	525.00	220.00	1,15,500.00
17	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete etc complete as directed by the Engineer-in-Charge at all levels.	Sqm	260.00	127.50	33,150.00
18	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface including cost and conveyance of all materials, labour charges, scaffolding, sundries etc complete as directed by the Engineer-in-Charge at all levels.	Sqm	335.00	54.00	18,090.00
19	Finishing walls with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, two	Sqm	335.00	103.60	34,706.00

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	coats including cost and conveyance of all materials to site, labour charges, hire charges for scaffolding, etc as directed by Engineer-in-Charge at all levels. (Inside building)				
20	Painting with synthetic enamel paint Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture of required colour to give an even shade On steel work.	Sqm	300.00	164.00	49,200.00
SH 5 – Repairing of False Ceiling					
21	Fixing available Aluminum Doors/Windows (dismantled one) frame and panels to the outer wall as directed by the Engineer in charge, including smooth functioning	Sqm	20.00	159.00	3,180.00
22	Fixing available gypsum board false ceiling (dismantled one) by providing necessary framework as per specification, using the available usable materials including making into good condition the dismantled materials including gypsum boards and accessories etc all as per the direction of engineer in charge.	Sqm	22.00	571.00	12,562.00
23	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with	Sqm	50.00	1,177.00	58,850.00

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dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels

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	suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I				
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	SH 6 – Trial Pit in Ground floor				
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24	Demolishing cement concrete/tiled flooring manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge	Cum	30.00	1,455.70	43,671.00
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25	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m 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 as directed, within a lead of 50 m. All kinds of soil.	Cum	70.00	242.90	17,003.00
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	Grand Total (Rs)				15,27,878.00
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	Percentage quoted (+ / -)				
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	Quoted Amount (Rs)				
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Total (Rupees..... Only)					
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Place:	Signature of the Contractor:
Date:	Name & Address with Seal: