

Name of work : Muziris Heritage Project – Electrification of Kodungallur Temple Oottupura

INKEL LIMITED

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

No. NIQ/INKEL/EKM/2022-23/176

Date: 20th July 2022

NOTICE INVITING QUOTATION

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Sealed quotations are invited by M/s INKEL Limited on behalf of Dept of Tourism, Govt of Kerala, having its registered office at Door No. 7/473ZA – 5 & 6, 2nd Floor, Ajiyal Complex, Kakkanad, Cochin 682030, so as to reach the undersigned on or before **29/07/2022** 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 drawings are attached along with this document. The rates quoted shall be final and all-inclusive and nothing extra will be paid on any account. However, GST shall be paid at actuals. The quotations for submission shall not be sent by post or courier.

Probable Amount of Contract (PAC) – 2, 44,450/- + GST

Specific Conditions

1. Eligibility Criteria

The intending bidders should have valid C class license issued by Kerala State Electrical Inspectorate.

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 28/07/2022, free of cost. Quotation formats can also be downloaded from our website www.inkel.in

3. Item Rate Contract

This work shall be item rate contract inclusive of all taxes except GST. The contractor's rate must be firm and include the cost of transportation of materials to the site.

4. Location of Site –Kodungallur, Thrissur

5. The intending bidders should visit the site before submission of quotation. For site visit, contact Ph-9496801032

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 and Performance Security Deposit

- 7.1 The successful bidder within 7 days of receipt of the acceptance letter is required to submit an irrevocable Performance Guarantee of 3% of the total quoted amount in the form of 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.
- 7.3 Performance Security Deposit shall be deducted at 2.5% from running bills. This amount shall be released after completion of defects liability period.

8. Period Of Construction

The period of contract shall be **15 days**. Commencement of the work shall be considered from the 7th day of receipt of acceptance letter.

9. All Inclusive Rates

The contractor's rate must be firm and include the cost of transportation, loading/unloading of materials to the site, statutory levies & applicable cess (except GST) 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.**

10. 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.

11. 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.

12. Defects Liability Period

Any defect developed within the Defect Liability Period of one year 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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13. 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.

14. 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.

15. The site should be kept clean and the surplus materials and unwanted debris should be removed / disposed to a proper place by the contractor or moved to a location as directed by INKEL. Re-handling charges will not be allowed.

16. Payment terms

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

16.2 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.

Managing Director
INKEL Limited
Cochin –682030

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Schedule of Quantities

<i>Sl No.</i>	<i>Description</i>	<i>Unit</i>	<i>Qty</i>	<i>Rate (Rs.)</i>	<i>Amount (Rs.)</i>
Wiring					
1	1.17.3 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.3 X 1.5 sq.mm	Metre	600.00		
2	1.17.12 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.3 x 2.5 sq. mm	Metre	300.00		
3	1.17.30 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.3 x 6 sq. mm	Metre	60.00		
4	1.24.1 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.5/6 amps switch	Each	44.00		
5	1.24.3 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.15/16 amp switch	Each	2.00		
6	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.20 amps DP switch	Each	1.00		
7	1.24.4 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.3 pin 5/6 amp socket outlet	Each	6.00		
8	1.24.5 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.6 pin 15/16 amp socket outlet	Each	2.00		

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9	1.28.1 Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 1 or 2 Module	Each	16.00		
10	1.28.2 Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 3 Module	Each	5.00		
11	1.27.2 Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required. 3 Module (100mm x 75mm)	Each	1.00		
12	1.27.3 Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required. 4 Module (125mm x 75mm)	Each	1.00		
13	1.28.4 Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 6 Module	Each	5.00		
14	1.28.5 Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 8 Module	Each	5.00		
15	Supplying and fixing following size/ modules, PVC box along with modular base & cover plate for modular switches on surface etc as required. 6 Module	Each	1.00		
16	Supplying and fixing following size/ modules, PVC box along with modular base & cover plate for modular switches on surface etc as required. 3 Module	Each	2.00		
17	Supplying and fixing following size/ modules, PVC box along with modular base & cover plate for modular switches	Each	2.00		

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	on surface etc as required. 1 or 2 Module (75mm x 75mm)				
18	1.33 Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	50.00		
19	1.25 Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	15.00		
20	1.26 Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	30.00		
21	1.21.1 Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. 20mm	Metre	80.00		
	<i>Cable Supply, Laying, Termination</i>				
22	7.7.1 Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Upto 35 sq. mm (clamped with 1mm thick saddle)	Metre	25.00		
23	9.1.2 Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 2 x 10 sq. mm (19mm)	Set	1.00		
24	Supplying and making straight through joint with cast resin compound including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 2 x 10 sq. mm	Each	1.00		
25	Supply of the following size 1.1kV grade XLPE insulated PVC sheathed, armoured Aluminium conductor power cable conforming to IS 7098 (part 1) ammended	Metre	25.00		

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	upto date with factory made clamp. 2C x 10 sq.mm				
<i>Distribution Board and MCBs</i>					
26	2.3.3 Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, Inter connections, powder painted including earthing etc. as required. (But without MCBIRCCB / Isolator 12 way, Double door	Each	1.00		
27	2.14.1 Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. 25 amps	Each	1.00		
28	2.10.1 Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole	Each	12.00		
29	2.10.3 Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Double pole	Each	1.00		
30	2.11 Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each	2.00		
<i>SITC of Lights and Fans</i>					
31	1.41 Installation, testing and commissioning of pre - wired, fluorescent fitting/ compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq.mm FRLS PVC insulated, copper conductor,	Each	25.00		

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	single core cable and earthing etc. as required.				
32	1.45 Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	Nos	10.00		
33	1.50.1 Installation of exhaust fan in the existing opening, including making good the damage connection testing, commissioning etc. as required. Upto 450 mm sweep	Each	2.00		
34	Providing and fixing 12 mm S.S. Fan clamps of standard shape and size in existing R.C.C. slab, including cutting chase, anchoring clamp to reinforcement bar, including cleaning, refilling, making good the chase with matching concrete, plastering the exposed portion of the clamps complete.	Each	13.00		
35	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS : 374- 2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	Each	13.00		
36	SITC of suspended type luminaire 26000lm 1130mm SP780P LED26S-6500 SP780P-LED22S-PSU W5L113 OD WH including all accessories and wiring using 3cx1.5 sqmm flexible wire	Each	4.00		

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37	Supply of 22W (+/-10% tolerance) 4 FT LED batten, fitting with diffuser, driver etc including all necessary accessories for the installations as per site conditions.(Philips model BN021C LED22S PSU CW GR or equivalent model approved by conservative architect)	Each	25.00		
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38	SITC of 9W (+/-10% tolerance) LED Bulb with B22 base, acrylic diffuser. Make: Crompton /Philips/Wipro.	Each	3.00		
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39	Supply of 300 mm sweep, 1400 rpm light duty exhaust fan in full metal body working on 230 V AC supply complete with all accessories as required. (Make: Havells Ventilator DB NEO 300mm sweep grey/Equivalent)	Each	2.00		
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Earthing					
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40	5.2 Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required	Set	1.00		
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41	Providing and fixing copper conductor 10 SWG copper wire on surface or in recess for loop earthing as required.	Metre	50.00		
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Total Amount (Rs)					
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Total Amount in words					
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			Signature of the Contractor:		
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Place:					