



NAYA RAIPUR DEVELOPMENT AUTHORITY

**Tender Document for the
Providing and installation of flooring, wall paneling designs
and electrification works in conference hall of PHQ building
at sector 19 of Naya Raipur**

(Following Three-Envelope Tender Procedure)

**Schedule – A
Price Tender
To be submitted in ENVELOPE-3**

NIT No.: 144/PHQ CH/EEC-III/CE (E)/ NRDA/ 2016-17, Naya Raipur,

Dated: 09.12.2016

Issued by: **Chief Executive Officer,**
Naya Raipur Development Authority (NRDA)
Paryavas Bhawan, North Block Sector- 19,
Naya Raipur- 492 002, Chhattisgarh
Tel No: + 91 771 2512500; Fax No.: +91 771 2512400.
Website: www.nayarapur.gov.in

Tender Document Contains

- (a) Only schedule "A" and Section-I of schedule "D" are to be filled & signed by the tenderer
- (b) All the certificates as per pre qualification criteria shall be appended with relevant forms of schedule "D"

1. PART ONE (NRDA F-1)-(Attached herewith, to be submit along the tender)

Part (A)

- a) Press Notice
- b) Detailed NIT

Part (B)

a) Schedule-A

- (i) Cost Abstract
- (ii) Bill of Quantities

- b) Schedule-B –NIL
- c) Schedule-C –NIL
- d) Schedule-D

Section-I..... Technical tender forms

- (i) Letter of Technical Tender
- (ii) Tenderer's Information Sheet
- (iii) Annual Turnover
- (iv) Specific Construction Experience
- (v) Declaration
- (vi) Check list for Technical tender evaluation
- (vii) Return Of EMD
- (viii) Integrity Pact

Section –IIScope of work

Section –III..... Technical specifications of work

Section –IV..... Special Conditions of Contract

Section –V..... List of approved makes

Section –VI..... Drawings

- e) Schedule-E
- f) Schedule-F

2. PART TWO (NRDA F-2/3)-Standard form (Not Attached herewith, and not to be submitted along the tender)

Important note: - Link site <http://nayaraiipur.com/documents/gcc.pdf>

1. General Guidelines
2. Tender
3. General rules and directions
4. Conditions of contract
5. Clauses of contract
6. Model rules relating to labour, water supply and sanitation in labour camps safety code
7. Contract forms
 - (a) Draft Format for Performance Security
 - (b) Earnest Money Deposit Form (Bank Guarantee)
 - (c) Format of Contract Agreement
 - (d) Draft Format for Performance Guarantee for Water Proofing and Anti-termite Works
 - (e) Indemnity Bond
 - (f) Indenture Bond
 - (g) Notice for Appointment of Arbitrator
8. Proforma of schedules (Schedule 'A' to Schedule 'F')

Signature of Contractor.....

Signature of NRDA.....

Naya Raipur Development Authority (NRDA) Raipur, Chhattisgarh

Document details

Name of work : “Providing and installation of flooring, wall paneling designs and electrification works in conference hall of PHQ building at sector 19 of Naya Raipur”.

Name of Tenderer:

Details

- a) Cost of Tender Document : Rs
- b) EMD : Rs

Signature of Tenderer

Date:_____

Signature of Contractor.....

Signature of NRDA.....

Bill of Quantity

Providing and installation of flooring, wall paneling designs and electrification works in conference hall of PHQ building at sector 19 of Naya Raipur

| Sr. No | Description of Item | Unit | Quantity | Rate in INR | Rate in Words (Indian Rupee) | Amount in INR |
|--------|--|-------|----------|-------------|-------------------------------|---------------|
| 1 | Dismantling terrazzo or mosaic or glazed vitreous or patent cement or tiled flooring or dado skirting of any thickness without sub base. | sqm | 233.00 | | | Rs. - |
| 2 | Dismantling lime/ cement plaster or skirting at any height raking out joints and cleaning the surface for plaster including disposal of rubbish within 50 metres lead. | sqm | 233.00 | | | Rs. - |
| 3 | Removal of required Existing Wall panels on approval of Engineer-in-charge and placing them back in proper position all complete as per manufacturer specification & approval of Engineer-in-charge. | sqm | 250.00 | | | Rs. - |
| 4 | Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: | | | | | |
| a | Edge of slab, breaks in floor and walls upto 200mm. | meter | 60.00 | | | Rs. - |
| 5 | Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. | | | | | |

| Sr. No | Description of Item | Unit | Quantity | Rate in INR | Rate in Words (Indian Rupee) | Amount in INR |
|--------|--|------|----------|-------------|-------------------------------|---------------|
| a | 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). | cum | 8.00 | | | Rs. - |
| 6 | Neat Cement punning with grooves as required. | sqm | 280.00 | | | Rs. - |
| 7 | 25mm thick cement concrete flooring with 1:2:4 cement concrete (1cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) finished with floating cost of neat cement. | sqm | 280.00 | | | Rs. - |
| 8 | Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete | | | | | |
| a | Upto 2 mm thickness to make surface even and smooth in line and level. | sqm | 40.00 | | | Rs. - |
| 9 | Wall painting with acrylic premium emulsion (plastic) paint of required shade to give an even shade. | | | | | |
| a | On new work (two or more coats) | sqm | 40.00 | | | Rs. - |

| Sr. No | Description of Item | Unit | Quantity | Rate in INR | Rate in Words (Indian Rupee) | Amount in INR |
|--------|---|------|----------|-------------|-------------------------------|---------------|
| 10 | Providing and laying following light weight concrete mixtures with nitto bond, including necessary cleaning, watering, foaming, shuttering, compacting, curing etc all complete. (Honching of pipes using PCC shall be carried out by others). Density of filling material should not be more than 600 kg/cum and 28th day compressive strength shall be 5 N/mm2 (M5) | | | | | |
| a) | Using foamed concrete by adding a slurry of cement and pulverized-fuel ash in the required ratio to foam using foam generaterr. | cum | 55.00 | | | Rs. - |
| 11 | Supply & Installation of Sports floor of approved make min. 6.5mm thick Vinyl Sports Floor as of per approved sample, colour and laid on the existing leveled flooring with approved adhesive & underlay including skirting & profile etc. complete as per manufacturers specification & approval of Engineer-in-Charge. | sqm | 175.00 | | | Rs. - |
| 12 | Providing and laying in position 15mm - 18mm thick Engineered wooden flooring at desired locations as per the patterns/ designs of the consultants of Pergo, Tarkett, Eurofloor, Quickstep, Armstrong, Beautex, Egger etc or equivalent. The samples shall be approved by the consultants prior to laying. The engineered wooden floor shall have inner core of hardwood and softwood veneer. The top layer wood veneer shall be treated using 6 coats of UV hardened laquer 3.5mm thick / natural oil. The wooden floor shall be laid over a company made underlay felt and underlay foam leveller. The sides of the engineered wooden flooring shall be firmly secured against uplift with the use of company made skirting and edge profiles. The profile sections shall be approved by the engineer-in-charge prior to use. | sqm | 200.00 | | | Rs. - |

| Sr. No | Description of Item | Unit | Quantity | Rate in INR | Rate in Words (Indian Rupee) | Amount in INR |
|--------|---|------|----------|-------------|-------------------------------|---------------|
| 13 | Design, Supply and Installation of wall panels (Korean type) complete as per manufacturer specification & approval of Engineer-in-charge. | sqm | 74.50 | | | Rs. - |
| 14 | Point Wiring for light/ fan/ exhaust fan/ call bell point with 1.5 sqmm FRLS PVC insulated stranded copper conductor single core cable in concealed PVC conduit, with 6 A modular switch ,modular base and cover plate with suitable size GI. box and earthing the point with same size cable along with accessories, hardwares etc required for completeness and as per direction of Engineer, CGPWD standards ,Electrical Inspectorate standards. | | | | | |
| a | Medium Point | Nos | 2.00 | | | Rs. - |
| b | Long point | Nos | 4.00 | | | Rs. - |
| 15 | Point wiring for light plug point with 2.5 sq mm FRLS PVC insulated stranded copper conductor single core cable cable in concealed PVC conduit along with 6 A modular switch and 3 pin 6 A modular socket outlet, modular base and cover plate with suitable size GI. box, earthing the switch box and socket outlet with same size cable along with accessories, hardwares etc. required for completeness and as per direction of Engineer, CGPWD standards and Electrical Inspectorate standards. | | | | | |

| Sr. No | Description of Item | Unit | Quantity | Rate in INR | Rate in Words (Indian Rupee) | Amount in INR |
|--------|---|------|----------|-------------|-------------------------------|---------------|
| a | Short Point | Nos | 10.00 | | | Rs. - |
| b | Medium Point | Nos | 15.00 | | | Rs. - |
| c | Long Point | Nos | 5.00 | | | Rs. - |
| d | Extra Long Point I | Nos | 8.00 | | | Rs. - |
| e | Extra Long Point II | Nos | 8.00 | | | Rs. - |
| 16 | Point wiring for Power plug point with 4 sq mm FRLS PVC insulated stranded copper conductor single core cable in concealed PVC conduit along with 16 A modular switch and 6 pin 6/16 A modular socket outlet, modular base and cover plate with suitable size GI. box earthing the switch box and socket outlet earthing with same size cable along with accessories, hardwares etc. required for completeness and as per direction of Engineer, CGPWD standards and Electrical Inspectorate standards. | | | | | |

| Sr. No | Description of Item | Unit | Quantity | Rate in INR | Rate in Words (Indian Rupee) | Amount in INR |
|--------|--|------|----------|-------------|-------------------------------|---------------|
| a | Short Point | Nos | 2.00 | | | Rs. - |
| b | Medium Point | Nos | 2.00 | | | Rs. - |
| c | Long Point | Nos | 2.00 | | | Rs. - |
| 17 | Circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in concealed PVC conduit along with accessories, hardwares etc. required for completeness and as per direction of Engineer, CGPWD standards and Electrical Inspectorate standards. | | | | | |
| a | 3 x 2.5 sqmm in 32 mm conduit (500 primary point x7 point | Rmt | 70.00 | | | Rs. - |
| 18 | Supply and fixing of following sizes PVC conduit in concealed manner along with accessories, hardwares etc required for completeness and as per attached specification, direction of Engineer, CGPWD standards and Electrical Inspectorate standards. | | | | | |
| a | 20mm | Rmt | 70.00 | | | Rs. - |

| Sr. No | Description of Item | Unit | Quantity | Rate in INR | Rate in Words (Indian Rupee) | Amount in INR |
|--------|--|------|----------|-------------|-------------------------------|---------------|
| 19 | Supply, installation, testing and commissioning of following sizes ceiling fan of approved make and type including down rods of 30 cm, wiring with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing, connections along with accessories, hardwares etc required for completeness and as per direction of Engineer, CGPWD standards and Electrical Inspectorate standards. | | | | | |
| b | 1200mm sweep | Each | 6.00 | | | Rs. - |
| 20 | SITC of Recess mounted, Round Shaped, 18W, IP20 LED luminaire having > 1697 lm system output. Luminaire shall be made up of Die cast housing made of aluminum and white powder coated finish. Luminaire shall have High Efficiency Translucence (HET) diffuser for very high efficiency with minimum glare. LM 80-08 compliant, ANSI rated LEDs from reputed makes should be provided. The LEDs shall be driven at not more than maximum allowed current from LED manufacturer for higher reliability. The LED shall be compliant with Useful life of more than 50000Hrs. The LEDs used in luminaire should be with CCT of 5700 K and CRI of Minimum 70. Constant Current topology driver suitable to operate in input voltage range of 150V to 270V (nominal rated voltage – 240V) with minimum 2KV surge protection, Power factor greater than 0.95. Driver output voltage shall be less than SELV limits for safe DC operation and maintenance. | Each | 36.00 | | | Rs. - |

| Sr. No | Description of Item | Unit | Quantity | Rate in INR | Rate in Words (Indian Rupee) | Amount in INR |
|--------|--|------|----------|-------------|-------------------------------|---------------|
| 21 | <p>SITC of Recess mounted, 45 W, 2 Ft X 2 Ft, IP20 LED luminaire having > 4500 lm system output. Luminaire shall be made up of Extruded aluminium white powder coated housing. Luminaire shall have Edge lit optics from reflector+light guide plate+diffuser configuration. LM 80-08 compliant, ANSI rated LEDs from reputed makes should be provided. Luminaire shall use multiple LEDs of less than 1W Class for better diffusion and heat management. The LEDs shall be driven at not more than maximum allowed current from LED manufacturer for higher reliability. The LED shall be compliant with LM80-08 standard with Useful L70 life of 50000Hrs (Complete LM 80 test report for LED should be submitted). The LEDs used in luminaire should be ANSI standard Rated LED with CCT of 5700 K and CRI of Minimum 70. LEDs used must be tested as per EN62471 for Photo biological Safety of humans. Isolated type, multistage Constant Current Constant Voltage topology driver suitable to operate in input voltage range of 150V to 270V (nominal rated voltage – 240V) with minimum 3KV surge protection, Power factor greater than 0.95 and total harmonic distortion (THD) of less than 10% should be integral to the luminaire. Driver output voltage shall be less than SELV limits for safe DC operation and maintenance. The driver should be fully designed and manufactured in India for easy availability and service.</p> | Each | 21.00 | | | Rs. - |
| 22 | <p>Dismantling the all sizes indoor lighting luminaries from wall ceiling with accessories including shifting of dismantled material to department store</p> | Each | 61.00 | | | Rs. - |
| | | | | | | |

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|--------|--|------|----------|-------------|-------------------------------|---------------|
| 23 | Supplying and fixing SP MCB, 240 volts, 'C' curve, suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as required. | | | | | |
| a | 6 amps to 32 amps | Each | 6.00 | | | Rs. - |
| | | | | | | |
| | | | | | | Rs. - |