

<u>NTPC Ltd</u>		
<u>Vendor Enlistment Cell (VEC)</u>		
<u>USSC, CPG-1, Nava Raipur</u>		
1	CEG No.	CIVIL-06
2	Brief description of CEG	Enlistment of vendors for Execution of Painting works on masonry/concrete surfaces of plant and township buildings/structures.
3	Responsibility Centre	VEC
4	Enlistment Category	Category 1 (from Rs. 20 lakhs upto Rs. 4.0 crs)
5	Brief scope of work	<p>Execution of Painting works on masonry/concrete surfaces of plant and township buildings/structures.</p> <p>Painting works enlistment shall include following Scope of work.</p> <ol style="list-style-type: none"> 1. Job/volume contracts for painting works on masonry/concrete surfaces. 2. Maintenance/period contracts for painting works on masonry/ concrete surfaces. 3. Repair/renovation/beautification works of building having majority work of painting. 4. Associated works for surface preparation like repair/application of plaster, putty etc. 5. Painting works may include white/colour washing , distempering with dry distemper/oil bound washable distemper/acrylic distemper, surface finish with cement paint, acrylic smooth paint, deluxe multisurface paint, acrylic emulsion, synthetic enamel paint, textured paint, granular texture finish etc. 6. Paint finish for doors ,windows ,false ceiling system. 7. Retaining wall / Boundary wall along with associated gate painting. 8. All Concrete/masonry building painting upto 35m. height. 9. Painting works shall include internal and/or external finishing works. <p><i>Note: The above scope of work is indicative only and the exact scope of works would be projects/ station/ site specific and shall be given in Tender documents, a suggestive scope of work is attached as Annexure-I</i></p> <p>Exclusion: Above Enlistment does not include:</p> <ol style="list-style-type: none"> 1. Painting works of Chimney. 2. Cooling Tower painting. 3. Exclusive structural steel painting of structures/buildings. 4. Painting of building/structures above 35 m.

6.	Technical Qualifying requirements	<p>A. Technical Criteria</p> <p>The applicant should have executed 'Building works including painting' And/or 'Painting works' during last five (05) years as on last date of submission of application.</p> <p>Notes for Clause A above for Qualifying Requirements:</p> <ol style="list-style-type: none"> I. Building Works shall mean Construction/ 'Repair & Maintenance'/ Renovation/ Alteration/ Modification works carried out in building(s)/structure(s). II. Reference work executed by an applicant as a sub-contract may also be considered provided the certificate issued by main contractor is duly certified by Project Authority/ owner specifying the scope of work executed by the sub-contractor in support of Qualifying Requirements. III. The word "Executed" mentioned above means that the applicant should have achieved the criteria specified above, even if the total contract is started earlier and/or is not completed/closed.
	Document to be submitted by Vendor in support of meeting QR	Relevant PO copy and Client's Completion Certificate/RA Bill/Final Deviation Statement.
7	Additional Documents to be submitted	<p>Other Documents to be submitted:</p> <p>In addition to the documents required in support of meeting Technical Qualifying Requirements as stated above, following documents are required to be submitted by the Applicants applying for enlistment-</p> <ol style="list-style-type: none"> i. Three POs with BOQ of the highest executed values of similar work during previous five years from the last date of submission of application and Copy of Completion Certificate /RA Bill/Final Deviation Statement from the concerned client in support of successful execution of work against each of the POs to be submitted. ii. Audited balance sheet including Profit & Loss statement for the previous three completed financial years reckoned from the date of application. In case the audited results for the preceding financial year is not available, certification of financial statements from a practicing-chartered accountant is to be uploaded. In case, applicant is not able to submit the certificate from practicing chartered accountant certifying its financial parameters, the audited results of the three consecutive financial years preceding the last financial years shall be considered for evaluating the financial parameters. Further, a certificate would be required from the CEO/CFO stating that the financial results are under audit as

		<p>on date of application and certificate from the practicing chartered certifying the financial parameters are not available.</p> <ul style="list-style-type: none"> iii. NSIC / SSI / MSME registration certificate and PF & GST/Service Tax registration certificate. iv. PAN, PF and GST registration certificates v. Any other documents in addition to the above which the applicant wants to submit to get enlisted. vi. NTPC can ask other documents as necessary during evaluation. 																
8	Execution Capability Criteria for Enlistment	<p>The minimum threshold limit for Execution Capability (EC) and Average Annual Turnover (AATO) of Enlisted Vendors shall be Rs.20,00,000 (Rs. Twenty Lakh).</p> <p>If any applicant does not submit the required documents so that their Execution Capability/ AATO exceeds Rs.20,00,000 (Rs. Twenty Lakh), such applicants shall not be considered for enlistment even if they meet the qualifying Requirement (QR) of subject Enlistment.</p> <p>Execution Capability of the vendor to execute similar work shall be calculated based on the values of three POs of highest execution value submitted by vendor as defined in the following table with an example:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Capability of execution of similar work as per PO values</th> <th style="width: 25%;">PO-1</th> <th style="width: 25%;">PO-2</th> <th style="width: 25%;">PO-3</th> </tr> </thead> <tbody> <tr> <td>PO values</td> <td style="text-align: center;">70</td> <td style="text-align: center;">60</td> <td style="text-align: center;">55</td> </tr> <tr> <td>Execution Capability as per One/two/three POs</td> <td style="text-align: center;">70x1.25=87.5 (E.C. up to 87.5 L)</td> <td style="text-align: center;">60x2=120 (E.C. up to 120 L)</td> <td style="text-align: center;">55x2.5=137.5 (E.C. up to 137.5 L)</td> </tr> <tr> <td>Execution capability of the vendor to execute similar work</td> <td colspan="3">137.5 (Highest of 87.5, 120 and 137.5) Vendor is capable to execute work up to cost estimate 137.5 L i.e. eligibility limit for enlistment up to cost estimate 137.5 L</td> </tr> </tbody> </table>	Capability of execution of similar work as per PO values	PO-1	PO-2	PO-3	PO values	70	60	55	Execution Capability as per One/two/three POs	70x1.25=87.5 (E.C. up to 87.5 L)	60x2=120 (E.C. up to 120 L)	55x2.5=137.5 (E.C. up to 137.5 L)	Execution capability of the vendor to execute similar work	137.5 (Highest of 87.5, 120 and 137.5) Vendor is capable to execute work up to cost estimate 137.5 L i.e. eligibility limit for enlistment up to cost estimate 137.5 L		
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9	NOTES:	<p>1.0 Similar work means: The work(s) of "Building works including painting' And/or 'Painting works', read in conjunction with Notes mentioned under QR.</p> <p>2.0 For "Painting works" the value of work executed against associated works like surface preparation with application of plaster/ putty, erection of working platform/scaffolding etc. shall also be considered for arriving at execution capability.</p>																

		<p>3.0 For “ Building works including painting ” the value of complete building works (as defined at 6.A.I) along with painting works value shall be considered for arriving at execution capability</p> <p>4.0 Executed Value means basic value (excluding taxes) of the P.O. pertaining to executed similar work. Where P.O. value is composite, the applicant should have to give break-up of Composite PO value mentioning Basic Value, taxes etc.</p> <p>5.0 In case the PO includes portion of similar work, then the work executed with respect to Similar work only will be considered for arriving at executed value.</p> <p>6.0 Other income shall not be considered for computing annual turnover.</p> <p>7.0 For the PO/WO which were awarded prior to preceding 5 years from the last date of submission of application, the value of work executed in the preceding 5 years from the last date of submission of application will be considered.</p> <p>8.0 In case of contract(s) under execution as on the last date of submission of application, the value of executed work duly certified by applicant’s client, till such date will be considered for arriving at executed value.</p>
10	Plants covered under the enlistment	PAN NTPC

Annexure-I (Suggestive Detail Scope of work)	
(1.0) Detail Scope of work	<p>The scope of work includes internal & external painting works in buildings and associated structures.</p> <p>(1.0)Agency's Scope</p> <ol style="list-style-type: none">1. Prior to application of painting works, necessary cleaning of the surfaces is to be carried out by the agency with suitable tools like brushes etc. to the satisfaction of EIC. There will not be separate measurement for cleaning of surface/dust removal, Agency has to ensure that wall surface is made smooth and crack free and free from dirt, dust, foreign matter, oil, grease, efflorescence. However as per work requirement scrapping/sand papering of old paint shall be paid as per relevant item on case to case basis.2. Associated works like plaster, putty etc. shall be paid separately under relevant items considered as per Job requirement.3. The contractor has to arrange necessary tools, tackles, manpower and necessary scaffolding, staging, etc. at his own cost. All the consumables like nails, screws, PVC rawl plugs, paint brush, spatula, scraping paper, wire brush, stand, scaffolding etc. shall be brought by the agency at his own cost.4. All paint /finishing materials are to be provided by the contractor. Approval for make/brand of all bought out items/materials is to be obtained by the contractor from NTPC prior to procurement of the same. All bought out items should comply to IS/CPWD specifications. Necessary technical data sheet & test certificates from shall be submitted to NTPC for review.5. Material Transportation/freight charges for bought out items are in the agency's scope6. After the surface preparation, first coat, second coat and/or topcoat should be applied. The work shall be executed as per CPWD specifications.

Annexure-I (Suggestive Detail Scope of work)

7. The work has to be executed at different levels, elevations and locations.
8. Agency has to maintain stock register of all bought out items (paints/finishing material) and their consumption details.
9. The actual consumption of paint at site may also be co-related using Dry Film Thickness (DFT) or Wet Film Thickness (WFT) meter. The acceptable thickness range shall be worked out by making 3 sample patches. In case WFT meter is used, the DFT shall be worked out based on the solid content specified in the technical data sheet for the applicable paint. Contractor has to arrange the DFT/WFT meter for measurement at its own cost.
10. The agency has to deploy adequate manpower of required skill sets , so as to execute the work Safely, Timely and with best Quality.
11. Work shall be carried out in presence of agency's competent representative at all times.
12. Personal Protective Equipments like safety belts , gloves, safety shoes etc as prescribed in the Factories Act and /or State Factories Rules shall be provided to the workers at agency's own cost . Other protective tools , like fall arrestors, safety nets etc shall be provided by the agency as per job requirement & as per instruction of EIC.
13. The contractor shall arrange to provide safety training to all his employees/workers.
14. For work at height, platform system is the crucial T&P which will facilitate safe ,timely & quality painting work . It shall be suitable for the job requirement and shall be arranged by the agency.

The system may consist of scaffolding, hanging platforms, cradles, temporary lifts, aerial working platform or combination of such systems meant to give safe approach to work areas.

Bamboo scaffolding shall not be permitted.

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	<p>The SOW by the agency for the platform system includes:</p> <ul style="list-style-type: none"> • Providing & erection of entire platform system. • Proper maintenance of the platform system throughout the execution period of the work. Repairs, if any, are to be immediately attended without hampering the work. • Dismantling of the platform system after completion of the work and its removal from NTPC site. • All the temporary holes or cavities made for the purpose of fasteners /anchors etc., during the process of erection of platform system should be refilled suitably after the completion of work as per instructions of EIC. <p>15. Any type of material shifting, relocation and restoring the same at original position etc. required for painting works shall be in the scope of Agency without any additional cost to NTPC.</p> <p>16. All debris, building rubbish, left out materials, paint droppings shall be removed by the contractor from the site after completion of work and properly cleaned site shall be handed over to NTPC.</p>
(2.0) NTPC SCOPE	Electrical power will be provided free of cost at one point wherever existing /spare point is available, all arrangement for taking connection from existing point to construction site will be in contractor's scope.
(3.0) NOTES FOR INDENTORS (Site specific)	<ol style="list-style-type: none"> 1. Indenter has to add other terms and conditions like defect liability period , Security Deposit, contract period, extension of contract, Payment terms, Deviation limits, safety clauses etc. 2. Indenter has to specify maximum height for executing painting works. 3. Indenter has to provide item specific reference Field quality plan. 4. As per work requirement separate item for scaffolding can be considered while preparing estimates.