

ODISHA POWER GENERATION CORPORATION LIMITED IB THERMAL POWER STATION

At/PO: BANHARPALI, DIST: JHARSUGUDA – 768 234 (ODISHA)

TELEFAX: (06645) 289 317 Email: contract@opgc.co.in;

1st Addendum/Corrigendum/Extension Notice to NIT No: ITPS/CC-22/2025-26/07, Date: 20.06.2025

S/N	Name of the work	Date of receipt & submission /Opening of EOI				
01	EOI for Painting of Mechanical Structures at OPGC, 2X210MW & 2X660MW Units (BTG, AHP, CHP & BOP).	Up to 15:00 Hrs on 06.11.25 15:30 Hrs onwards on 06.11.25				

All other terms & conditions of the above NIT shall remain unaltered. For detailed information; please visit to our website "www.opgc.co.in".

Sd/- GM- Contracts

SAFE & CLEAN POWER IS OUR COMMITMENT

The bidder shall consider the below changes hereafter for further bid preparation & participation.

	PAINTING SCHEDULE FOR MECHANICAL STRUCTURE (Annexure-1)												
	Description	Surface Preparation	Primer Coat			Intermediate Coat			Finish Coat				
Sl. No			Type of Primer	No of coats	Minimum DFT/coat (Micron)	Type of Paint		Minimum DFT/coat (Micron)		No of coats	Minimum DFT/coat (Micron)	Shade	Total Min. painting DFT (Microns)
1	Structural elements like Column, beam, bracing, Staircase etc.	cleaning, Power tool	Red Oxide Zinc Phosphate Primer (Alkyd Base) to IS 12744	2	30μ/coat	-	,	·	Synthetic Enamel Paint (Long Oil Alkyd) to IS 2932 Colour Shade Yellow	2	20μ/coat	Smoke Grey Shade No: 692 of IS 5	100
2	Handrails	SP2/SP3: Handtool	Red Oxide Zinc Phosphate Primer (Alkyd Base) to IS 12744	1	30μ/coat	-	-	-	Synthetic Enamel Paint (Long Oil Alkyd) to IS 2932 Colour Shade Yellow	2	20μ/coat	Yellow	70

Note: During tendering stage User department has to mention the following information in scope of work.

- 1. User has to mention the applicable surface preparation method specifically.
- 2. User has to mention the type of primer paint, type of paint, no of coats and thickness in micron for each coat.
- 3. User has to mention the intermediate coat as per requirement.
- 4. Final coat shade to be decided as per OPGC standard.
- 5. Font type and size for Letter writting and arrow marking shall be clearly mentioned by FIC. OPGC



Quality Assurance Plan (QAP) For Painting of Mechanical Structures

OPGC/QAP/STRUCTURE PAINTING/01

Revision

Date

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30-09-2025

	Test Details	Method of Check	Quantum of Check			Tuno of	Inspection		у		
Sl No				Accepatance Criteria	Format of Records	Type of Check	Vendor	OPGC	OPGC	Remarks/Observation	
								(User)	(QA)		
1	MATERIAL	T	ı							-	
1.1	Packing & Damage during transport	Physical Verification	100%			A+B	Н	W	RW	 Vendor to submit MTC of	
1.2	Manufacturer's Label	Physical Verification	100%			A+B	Н	W	RW	supplied Paints and Prim	
1.3	Manufacturer's Test Certificate	Physical Verification	100%	As per OPGC approved	Hardcopy of MTC	A+B	Н	W	W	Supplied Funts and Fini	
1.4	Manufacturing / Expiry date, Batch no.	Physical Verification	100%	specification. All detail to be mentioned during tendring stage.		A+B	н	w	RW	Expired product shall be rejected by User and warning letter shall be issued to supplier by Use	
2	Surface Preparation	Visual	100%	As per OPGC approved painting schedule (Ref Annex-01)	Log Book	В	н	W	RW	As per SSPC grade/ as per scope of work	
3	Painting with suitable paint	Visual		As per OPGC approved painting schedule (Ref Annex-01)	Log Book	В	н	RW	RW	As mentioned in the paint schedule /scope of work.	
4	Lette writing/arrow marking	Visual		As per OPGC approved painting schedule (Ref Annex-01)	Log Book	В	н	W	RW	As per OPGC standard	
5	Spillage cleaning	Visual	100%	As per OPGC approved norms	Log Book	В	Н	W	RW	As per OPGC standard	
6	DFT Measurng Instrument	Physical Verification	100%	Calibration certificate issued from NABL/Govt labs.	Hardcopy of CC	A+B	н	W	w	Vendor to submit Calibration certificate issued from NABL/Govt labs.	
7	DFT measurement after completion	i	,								
7.1	Primer Coat	Physical Measurement by Elcometer	Test Patches	As per OPGC approved	Log Book	В	н	W	w	Required film thickness t	
7.2	Finish Coat	Physical Measurement by Elcometer	Test Patches	painting schedule (Ref Annex-01)	Log Book	A+B	н	W	w	if not additional coat to be painted.	

NOTE: Quality Inspection shall be done as per approved QAP and the report shall be attached in each RA bill.

Type of Check: A= CRITICAL, B= MAJOR, C= MINOR

"A" check shall be checked and signed by Quality Dept and User Dept.

"B" & "C" check shall be checked and signed User Dept.

INSPECTION CHECK POINTS

INC. 2010 COLOR OF THE COLOR OF								
	RW Random Witness		Review of Inspection records					
	W	Witness	Intimation to be given by User dept for witnessing the stage/operation					
	Н	Hold	Intimation to be given for Witnessing the stage / operation, TPI / Vendor shall not proceed further					

Signature

Contractor OPGC (User Dept) OPGC (QA)