

PROJECT: NTPC Nabinagar 3 x 660 MW (BHEL W.O no: G 609, G 610 and G 611) NTPC CONTRACT NO: CS-0370-109-(1A) -2-FC -NOA-0059 1819 for Nabinagar 3 x 660 MW PACKAGE: FGD PACKAGE MAIN CONTRACTOR: BHEL - RANIPET SUB CONTRACTOR & ADDRESS: (To be filled by VENDOR)	CONTRACT QUALITY REQUIREMENTS (CQR) for ELECTRICAL ACTUATORS – FGD APPLICATION NTPC Nabinagar 3 x 660 MW (BHEL W.O no: G 609, G 610 and G 611)	DOC.NO: BAP/QR/G609 To G 611 / Nabinagar / ELECT ACTUATORS: 001 Rev NO.: 00 PAGE : Page 1 of 2 DATE: 28.08.2020	##Enquiry No: ## Supplier Name & Address: ##Offer reference: ##Date: Contact Official Name: Mobile no: Email id:
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ITEM: ELECTRICAL ACTUATORS

01	Quality Plan Requirement	1. RQP or MQP is applicable for these Electrical Actuators. 2. RQP/MQP (Manufacturing Quality Plan) is applicable for these Electrical Actuator and accordingly Electrical Actuator Manufacturer shall submit the RQP/MQP in ultimate customer – NTPC format. 3. If any of Electrical Actuator Manufacturer who is having, ultimate customer NTPC approved MQP (Manufacturing Quality Plan) / RQP (Reference Quality Plan) and having validity, the same is applicable for these Electrical Actuator for inspection subject to obtaining ultimate customer NTPC formal approval in the event of an order through endorsement sheet approval route as in sl no: 4 below 4. Accordingly, Electrical Actuator supplier shall submit the filled up Endorsement sheet (copy attached) with ultimate customer NTPC MQP/RQP with signature & seal in the event of a Purchase Order from BHEL. 5. If Electrical Actuator vendor does not have MQP/RQP, they should submit a fresh MQP to BHEL/ ultimate customer – NTPC (in NTPC format) for review & approval. (copy attached).	
		Ultimate customer – NTPC and BHEL/BHEL authorized inspection agency inspection is applicable before dispatch.	
02	Important Note	Supplier shall ensure w.r.t Electrical Actuator type , Profibus type , SIL level, Motor and Gearbox specifications including lubrication and painting, type and make of limit & torque switches, Space heater, Local position indicator, Electronic integral starter , Electronic positioner , Remote Position Transmitter (As applicable) , wiring etc shall be strictly as per approved Data sheet / drg and accordingly all relevant tests/checks are to be conducted & ensured by the vendor in the event of an order during detailed Engg & Execution of contract without any cost implication to BHEL within reasonable time.	
		Supplier shall ensure Credentials of design and Manufacturing capabilities w.r.t. Electrical actuators as per Spec/data sheet/approved QAP/Drg etc.	
03	Painting Requirements	Painting requirement like paint shade and painting thickness including no of coats if any are to be ensured by Electrical Actuator supplier for these Electrical Actuators as per BHEL/ Ultimate Customer -NTPC approved data sheet/drg/spec (As applicable).	
04	Inspection Methodology	No material shall be dispatched without BHEL or its authorized inspection agency ultimate customer – NTPC inspection with required CHP/MDCC clearances.	

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05	For inspection call	To raise inspection call by BHEL/BHEL AIA inspection including for type test witnessing , vendor is requested to contact Mr R Kesavan., DGM (QC-Proc)., Mobile no: +91 9443006303., Email id: kesavan@bhel.in and Mr Kovarathanan., DM (QC-Proc)., Mobile no: +91 8903502628., Email id: kovak@bhel.in for inspection related activities for immediate response / resolution.	
06	Packing	Required Packing & preservation shall also to be ensured as per requirements stipulated in Engg spec / drg / data sheet to avoid any damage during transit, handling damages & storage at site.	
07	Document Package/Dossier Document Package/Dossier	Supplier shall give Specific confirmation for Document Package in the event of an order (3 hard copies + 2 CDs in PDF file) for onward transmission to customer on need basis and same shall contain the following with proper linkages (.) 1. Index Sheet 2. NTPC approved RQP with endorsement sheet / BHEL approved QAP. 3. TCs identified by BHEL/NTPC or its authorized inspection agency for record for “CHP” and Verification portion as given in approved QAP/Data sheet/spec (As applicable). 4. Final Inspection Report by Ultimate Customer – NTPC authorized inspection agency + TC 5. Final Inspection Report by BHEL / BHEL AIA + TC 6. NTPC or its authorized inspection agency CHP/MDCC. 7. Type test reports conducted/submitted with BHEL / BHEL AIA/ NTPC or its authorized inspection agency (As applicable)	

Supplier signature with seal

Necessarily to be filled up by the vendor at the time of offer itself otherwise the offer may not be considered w.r.t Quality Requirements being customer specific requirements.