



PRICE SCHEDULE / SCHEDULE OF RATES(SOR) [PART - II - PRICED BID]

e - TENDER NO:BCPL/C&P/LE17W188MK/00587 Dated 09.03.2018

"ANNUAL RATE CONTRACT OF NDT SERVICES (RADIOGRAPHIC INSPECTION AND HEAT TREATMENT / STRESS RELIVING JOB) FOR BCPL FOR A PERIOD OF 02 YEARS"

SOR Sl. No.	Description of item	UOM	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
1	Heat Treatment for Pipe HEAT TREATMENT: Heat Treatment of Shop Fabricated, for already installed piping / Static Equipment etc. for joints or other operations where ever required. Heating to be carried out in a furnace or by using an electric resistance or induction heating equipment ensuring uniform temperature attainment at all points of the portion being heat-treated. The portion under heat treatment shall be wrapped suitably under insulation to avoid any harmful temperature gradient. The temperature thus attained in the portion under heat treatment shall be recorded by means of thermocouples, pyrometer and an automatic temperature recorders suitably calibrated should be employed. The calibration chart of each recorder along with hardness test results shall be submitted to the Engineer-in-Charge for approval. The details of heat treatment such as heating rate, soaking temperature pause period and cooling rate etc. to be carried out as per relevant standards / code as instructed by the Engineer-in-Charge. Repeat performance due to defective Stress relieving or any other account shall be on Contractor Cost (Payment shall be done only after submission and approval of Charts. Stress Relieving shall be followed by measurement of Hardness and no separate payment shall be made for this). Note: Unit for Stress Relieving quantity is 'Nos of Circumferencial weld joints'-	Inch - Dia	1000	In Figure Rs.: _____ In Words Rupees _____	In Figure Rs.: _____ In Words Rupees _____
2	Heat Treatment for Vessels / Tanks HEAT TREATMENT: Heat Treatment of Shop Fabricated, for already installed piping / Static Equipment etc. for joints or other operations where ever required. Heating to be carried out in a furnace or by using an electric resistance or induction heating equipment ensuring uniform temperature attainment at all points of the portion being heat-treated. The portion under heat treatment shall be wrapped suitably under insulation to avoid any harmful temperature gradient. The temperature thus attained in the portion under heat treatment shall be recorded by means of thermocouples, pyrometer and an automatic temperature recorders suitably calibrated should be employed. The calibration chart of each recorder along with hardness test results shall be submitted to the Engineer-in-Charge for approval. The details of heat treatment such as heating rate, soaking temperature pause period and cooling rate etc. to be carried out as per relevant standards / code as instructed by the Engineer-in-Charge. Repeat performance due to defective Stress relieving or any other account shall be on Contractor Cost (Payment shall be done only after submission and approval of Charts. Stress Relieving shall be followed by measurement of Hardness and no separate payment shall be made for this). Note: Unit for Stress Relieving quantity is 'Nos of Circumferencial weld joints'-	Inch - Dia	200	In Figure Rs.: _____ In Words Rupees _____	In Figure Rs.: _____ In Words Rupees _____
3	RADIOGRAPHY FOR PIPING WORKS: Performance of radiographic inspection on all type & sizing of piping / pipe fittings in position at all heights inclusive of providing sources, film, chemicals & all necessary equipment's, consumables etc. complete in all respect as per Specification & Instruction of the Engineer-in-Charge. (Repeat Radiography due to defective Radiography on welding joints or poor performance of radiography contractor's shall be done at contractor cost).	Inch - Dia	4000	In Figure Rs.: _____ In Words Rupees _____	In Figure Rs.: _____ In Words Rupees _____
4	RADIOGRAPHY For Vessels / Tanks: Performance of radiographic inspection on all type & sizing of piping / pipe fittings in position at all heights inclusive of providing sources, film, chemicals & all necessary equipment's, consumables etc. complete in all respect as per Specification & Instruction of the Engineer-in-Charge. (Repeat Radiography due to defective Radiography on welding joints or poor performance of radiography contractor's shall be done at contractor cost).	Inch - Dia	200	In Figure Rs.: _____ In Words Rupees _____	In Figure Rs.: _____ In Words Rupees _____
5	LUMPSUM FOR PWHT & RT : Standby Charges (on lumsum monthly basis) with all the resources for radiography and heat treatment which includes skilled & unskilled manpower, vehicles for transportation, Isotope, Radiography Camera, Pyrometer, Temp Recorder, Heating Coil, Insulation Materials etc require for completion of the NDT jobs.	Month	24	In Figure Rs.: _____ In Words Rupees _____	In Figure Rs.: _____ In Words Rupees _____
TOTAL AMOUNT exclusive of GST (Rs.)				In Figure Rs.: _____ In Words Rupees _____	
GST @%. Bidder to Compulsarily Quote for applicable GST					
Total Amount Inclusive of GST (Rs.)					
Signature of Authorized Representative:					

Name of authorized person submitting the tender on behalf of the Bidder (s)	
Designation of authorized person	
Name of Firm / Contractor/Owner	
Address of Firm / Contractor/Owner	
Date	
NOTE : Evaluation shall be done after considering cenvatable benefit on GST.	