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**Item Rate BoQ**

Tender Inviting Authority: Manager (S.K.Gupta)

Name of Work : R/M &amp; upkeep of ITPO premises at Pragati Maidan during 2023-24

Sub-Head:- ACFM(Alternating Current Field Measurement) and strain gauge testing for welding joints on each truss in exhibition halls no. 2 to 5 &amp; 14 and Convention Centre ITPO Pragati Maidan

Contract No:

Bidder Name :						
<b>PRICE SCHEDULE</b> (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only ) <b>NOTE:-</b> 1.The rates should be quoted exclusive of GST as applicable 2. The agency should file ECR against ESI & EPF for the individual workers engaged in ITPO & submit the same with bank certified copy, bill, wage sheet & attendance sheet etc. before payment. 3. Contractural Labour Act Registration if applicable.						
<b>NUMBER</b>	<b>TEXT #</b>	<b>NUMBER #</b>	<b>TEXT #</b>	<b>NUMBER #</b>	<b>NUMBER #</b>	<b>TEXT #</b>
<b>Sl. No.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Units</b>	<b>BASIC RATE In Figures To be entered by the Bidder Rs. P</b>	<b>TOTAL AMOUNT Without Taxes</b>	<b>TOTAL AMOUNT In Words</b>
<b>1</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>13</b>	<b>53</b>	<b>55</b>
1	Strain Gauge Test for measuring the strain measurement of welding joints of trusses at critical locations of various trusses. Stress will be generated with the help with the wooden hammer to know the any further crack or strain are generating in the welding material or not wherever DPT/MPI or other equivalent non-destructive test for steel material is not possible. Specification of Strain gauge :- <b>Note:- Electrical resistance based Strain sensors or arc weld strain gauge will be installed.</b>	50	per joint		0.00	INR Zero Only

2	SHM Set-up Cost: Networking, Cable for connections, manpower, Safety box of sensor, Tent for site office during testing etc. Stand/platform for fixing sensors. Note:- Agency has to arrange necessary staging at all the locations, to make the locations accessible to carry out the tests. Any incidental works of any nature required to complete the specified works as per scope in all respect will be deemed to have not been included in the quoted rate. Site arrangement and Safety arrangement It may be required to work at night also; in such cases, necessary enabling facilities shall be made for example, Engagement of labors for clearing the bushes, cleaning the test areas etc. to enable them to carry out the Scope of Works; work at night, light and temporary electricity arrangement. These arrangement is on rental basis. (This item is payable only once irrespective of no. of points to be tested upto the completion of work pre or post repair of failed weld joints)	1	job		0.00	INR Zero Only
3	Data acquisition, processing and communication system of consists of data acquisition instrument, a host PC, and wireless/wired router. The useful information for the system developed herein are those resulting from ambient traffic only. The effect of the drift is eliminated by the data processing algorithm. Report interpretation by the cloudglance sensinglab software along with its parent software. These arrangement is on rental basis. (This item is payable only once irrespective of no. of welding joints need to be tested pre and post repair of failed welding joints)	1	job		0.00	INR Zero Only
4	ACFM (Alternating Current Field Measurement ) method is an electromagnetic inspection method which enables to detect and size superficial and subsurface cracks quickly and reliably. The main objective from this test is to identify the defect in weld joint defect in plate. ACFM is a non-destructive testing (NDT) technique, to inspect assets without the need to remove the surface coating. Note:- The minimum number of joints to be tested in each truss varies from 15 nos. to 35nos. as per the directions of Engineer-in-charge.	50	each truss		0.00	INR Zero Only
<b>Total in Figures</b>					<b>0.00</b>	INR Zero Only
<b>Quoted Rate in Words</b>		<b>INR Zero Only</b>				

