CORRIGENDUM

Subject: Revised Annexure A and Annexure B for tender no: NTSC/Welding/D/2017-18,technical bid to be opened on- 15.03.2018

ANNEXURE-A

Details of Requirements and Technical Specification of *Equipment for Welding Workshop*

(Along with maximum accessories in all respect to run the machine smoothly- List of accessories and quantity to be mentioned)

S. No.	Description	Unit	Quantity
1.	**Digital Brinell & Rockwell Hardness Tester (with Closeed Loop,Load Cell Technology)**		**1 No.**
	Ball dia/Load	2.5mm/187.5 kgf-10mm/1000 Kgf	
	Load dwell duration	2s-99s, can be set and stored	
	Tungsten Carbide Ball indenter	10mm,5mm,2.5mm	
	Test Force Control	Hydraulic Dashpot System	
	Measuring range	8HBW-650HBW	
	Max measurable height	250mm	
	Max measurable depth	140mm	
	Dimensions	530mm x260 mm x750mm	
	Power Supply	220/110 V, 50/60 Hz, 4A	
2.	**Electric Welding Transformer Set With Accessories**		2No.
	Input Votage	415, +15%,-10%	

	Phase	3 Phase	
	Frequency	50/60 Hz	
	Open Circuit Voltage	60-70 V	
	Welding Current Range	40-400 A	
	Input Power	11 KW	
3.	**Welding Generator Set**		1 No.
	Input Voltage	230/415	
	Phase	3 Phase	
	Frequency	50/60 Hz	
	Open Circuit Voltage	60-70V	
	Welding Current Range	10-400 A	
	Cooling	Air Cooling	
	Winding	Cooper	
4.	**Spot Welding Machine**		1 No.
	Capacity of 50% Duty Cycle	15 KVA	
	Phase	3 Phase	
	Maximum Short Circuit Current	8 K. Amps	
	Input Voltage	415 V	
	Welding Current Range	100-400 A	
	Cooling	Natural Air Cooling	
	Winding	100% Copper	
	Throat Depth	400-600 mm	
	Nominal Throat Clearance	230-250mm	
5	**MIG Welding Set**		1 No.
	Input Voltage	415, +15%, -10%	

	Phase	3 Phase	
	Frequency	50/60 Hz	
	Open Circuit Voltage	60-70 V	
	Welding Current Range	10-400 A	
	Input Power at 100% Duty Cycle	7-10 KVA	
	Welding Current DC at 60% Duty Cycle	250 -310 A at 26.5 V	
	Welding Current DC at 100% Duty Cycle	195-400 A at 23.8 V	
6	**TIG Welding Set**		1No.
	Input Voltage	415, +15%, -10%	
	Phase	3 Phase	
	Frequency	50/60 Hz	
	Open Circuit Voltage	60-70 V	
	Welding Current Range	10-400 A	
	Input Power at 100% Duty Cycle	10 KVA	
	Welding Current DC at 60% Duty Cycle	310 A	
	Welding Current DC at 100% Duty Cycle	400 A	
7	**Bench Grinder with Built in Dust Collectors with Heavy Sheet Metal Stand**		3No.
	Grinder Motor	0.55 KW , 0.75 HP, 3 Phase , 2800 RPM	
	Wheel Size	200 x 25 x 31.75 mm (8")	

	Dust Collector Motor	0.37 KW , 0.5 HP, 3 Phase	
	CFM	125	
	Shaker	Manual	
	Over all Dimension	L x W x H 650 x 650 x 1050	

ANNEXURE-C

FORMAT & REQUIREMENTS FOR SUBMITTING TECHNICAL BID

1. **Tender Ref. No**: **NTSC/Welding/D/2017-18**
2. **Name of Bidder**: ……
3. **Complete office address of Bidder**……
4. **Tender fee payment details** (*if tender document downloaded from website*)

   Details of DD/RTGS/NEFT by which tender fee paid…….

Confirmation of acceptance of Technical Specifications for the Supply, Installation, Commissioning of Equipments for Welding Workshop**.**

(Along with maximum accessories in all respect to run the machine smoothly- List of accessories and quantity to be mentioned)

Sl. No	Technical Specifications	Acceptance to the Specification as placed at Annexure-A and agreed to supply with required Quantity (write YES/ NO only)	If marked "NO" in the column before, specify the deviation in specification of the machine offered for the supply
1.	**Digital Brinell & Rockwell Hardness Tester (with Closeed Loop,Load Cell Technology)**		
	Ball dia/Load: 2.5mm/187.5 kgf-10mm/1000 Kgf		
	Load dwell duration: 2s-99s, can be set and stored		
	Tungsten Carbide Ball indenter: 10mm,5mm,2.5mm		
	Test Force Control: Hydraulic Dashpot System		
	Measuring range : 8HBW-650HBW		
	Max measurable height: 250mm		
	Max measurable depth: 140mm		
	Dimensions: 530mm x260 mm x750mm		
	Power Supply : 220/110 V, 50/60 Hz, 4A		
2.	**Electric Welding Transformer Set With Accessories**		
	Input Votage :415, +15%,-10%		
	Phase:3 Phase		

	Frequency:50/60 Hz		
	Open Circuit Voltage:60-70 V Welding Current Range:40-400 A		
	Input Power:11 KW		
3.	**Welding Generator Set**		
	Input Voltage:230/415		
	Phase:3 Phase		
	Frequency :50/60 Hz		
	Open Circuit Voltage:60-70V		
	Welding Current Range:10-400 A		
	Cooling:Air Cooling		
	Winding:Cooper		
4.	**Spot Welding Machine**		
	Capacity of 50% Duty Cycle:15 KVA		
	Phase:3 Phase		
	Maximum Short Circuit Current:8 K. Amps		
	Input Voltage:415 V		
	Welding Current Range:100-400 A		
	Cooling:Natural Air Cooling		
	Winding:100% Copper		
	Throat Depth:400-600 mm		
	Nominal Throat Clearance:230-250mm		
5	**MIG Welding Set**		
	Input Voltage :415, +15%, -10%		
	Phase :3 Phase		
	Frequency :50/60 Hz		
	Open Circuit Voltage :60-70 V		
	Welding Current Range :10-400 A		
	Input Power at 100% Duty Cycle:7-10 KVA		
	Welding Current DC at 60% Duty Cycle : 250 -310 A at 26.5 V		
	Welding Current DC at 100% Duty Cycle :195-400 A at 23.8 V		
6	**TIG Welding Set**		
	Input Voltage :415, +15%, -10%		
	Phase :3 Phase		
	Frequency :50/60 Hz		
	Open Circuit Voltage :60-70 V		
	Welding Current Range :10-400 A		
	Input Power at 100% Duty Cycle:10 KVA		
	Welding Current DC at 60% Duty Cycle: 310 A		
	Welding Current DC at 100% Duty Cycle :400 A		
7	**Bench Grinder with Built in Dust Collectors and heavy sheet metal stand**		
	Grinder Motor:0.55 KW , 0.75 HP, 3 Phase , 2800 RPM		

	Wheel Size :200 x 25 x 31.75 mm (8")		
	Dust Collector Motor: 0.37 KW , 0.5 HP, 3 Phase		
	CFM 125		
	Shaker:Manual		
	Over all Dimension: L x W x H 650 x 650 x 1050		

5. **Confirmation for supply to the location:**

#	Details	Location
		Neemka,Faridabad (Haryana)
1	**Tentative quantity required**	**As per Annexure-A**
2	**Consent to supply: (write YES/ NO only in the cells placed for location)**	

6. **EMD payment details** (*Not applicable if the bidder is holding* valid registration/ exemption certificate*, as per Para 12 (c) of Instruction to Tenderers)*: Details of DD/RTGS/NEFT by which EMD paid ……..……

   The EMD of Rs.14000/- (Rupees FourteenThousand only) shall be submitted.

7. **PAN Number of bidder** (self-attested copy to be enclosed) ……..

8. **GSTIN registration number of bidder** (self-attested copy to be enclosed) ……..

9. **Delivery period after receipt of supply order from purchaser:***(The purchaser interested to complete delivery of machine by the bidder within Thirty (30) calendar days from the date of issue of supply order.* However, the bidder have an option to submit the best delivery time, but in any case the delivery should be before 30 days from the date of issue of supply order by purchaser. Delivery to be completed in number of days …… (Calendar Days In figure) …… (Calendar Days in words) from the date of issue of supply order by purchaser.

10. **Details of address with contact details from where the bidder planned to offer After Sales Services during the Warranty & After warranty period:**

#	Location
	Neemka, Faridabad (Haryana)--121004
Details of address of	

bidder for rendering After Sales Services	

11. **Details of address with contact details for at least five purchaser to whom the bidder supplied similar machine in the last Three(3) years and machine shall be in operations to the satisfaction of buyer for the last three (3) years:** *The format for submission of details for at least three purchaser are as under: (the bidder can furnish details of even more than three purchaser)*

    a. Address of Purchaser with contact details (email and phone no.):……
    b. Details of order for supply placed to bidder:…….
    c. Description and quantity of ordered equipment:…….
    d. Value of order in Rupees:…….
    e. Date of completion of delivery:…….

    (The purchaser shall have liberty to contact any or all of purchaser to assess the performance of machine supplied by bidder)

12. **Documents - Details to be enclosed with the Technical bid by bidder are as under:**

a) The intending Bidder, shall submit a self-declaration on their letter-head, along with the Technical Bid, confirming that they are regular in manufacturing & supplying the similar machines, as asked in this tender, for the last Three (03) years.

b) The bidder having submitted valid ISO Certificate shall be preferred over others subject to technical and financial bid comparison

c) Undertaking as per annexure-B on official stationery.

d) Duly signed all pages "Instructions to Tenderers" of the tender document as a mark of acceptance.

e) The letters substantiating performance from at least five (05) other purchasers, to whom, the similar machine supplied by the bidder in last Three (03) years, wherein, the machine shall be in operation to

the satisfaction of buyer for the last three (03) years, to access performance of the machine supplied by your organization.

f) Technical Literature of machine(s) with particular reference to the modal of machine proposed to supply against this tender along with reference of website to assess the further features.

g) Authorization letter in favor of personnel to sign the tender behalf of bidder.

h) Self-certified copy of valid certificate for claiming EMD exemption.

i) Self-certified copy of valid certificate for claiming Tender Fee exemption.

j) Self-attested copy of valid GSTIN registration.

k) Self-attested copy of valid PAN number.

l) The Bidders shall furnish complete Technical details of machine/equipment/material for the machine offered to supply through the participation of this tender (use separate sheet to elaborate the details of technical specifications such as Measuring Range/Size, Least Count/Resolution, Accuracy, Materials used, Accessories, Tools, Spares etc.)

m) To submit all supporting information with respect to the technical data, drawings or booklets of product. Any product brief, test certificates available may be enclosed.

I/We as bidder certify that:

a. The tender shall remain valid for acceptance for 90 days from the date of opening the Technical Bid of the tender.

b. Agree to offer services for onsite comprehensive warranty on the machine(s) supplied through this tender.

c. Agree to offer services for maintenance contract for the next three years for the machine(s) supplied through this tender.

d. Agree to impart onsite training to the designated personnel of purchase for 10 working days

e. No price of any Machine/ Equipment/ Spares/ Accessories shall be given in Technical Bid.

f. All above machines should be provided with safety features/ curtains/ enclosures etc. wherever applicable.

g. Units should certify that all consumables, electrical and electronic parts of the product conform to national/ international standard(s).

Name & Signature of the authorized bidder with stamp Contact details of authorized person of bidder who have signed the tender.

Name……..

Designation…….

Phone (office)……..

(Mobile)…….....

E mail……..