



LIMITED TENDER ENQUIRY No. BNPM/LTE/OCI/082/2020-21

Issue Date: 19.05.2020
Extension No. 2: 06.06.2020
Closing Date: 11.06.2020

A. Scope of Supply / work:

Onsite Instruments Calibration Services for Flow Transmitters (21 Nos.) & Temperature Transmitters (66 Nos.) as per the details mentioned below

Sl.no.	Description	Qty
1	Onsite Instruments Calibration Services for Flow Transmitters - Differential Pressure Transmitter Based (Details of equipments provided in Annexure-1)	21 Nos.
2	Onsite Instruments Calibration Services for Temperature Transmitters (Details of equipments provided in Annexure-2)	66 Nos.

1. Complete Scope of work:

(a) The Agency shall carryout the calibration work at BNPM site only without affecting our daily activities and during such times when it is made available to them. The entire work shall be completed within 60 days from the date of intimation from BNPM to take up the calibration job.

(b) The Agency shall furnish Master Calibration Certificates and Traceability of the calibrating devices/master calibration devices before start of the calibration job. Also the agency shall share the standard procedure followed for calibration prior to start of the calibration job.

(c) The Agency shall issue the individual calibration certificate to each of the Instrument being calibrated which will be valid for at least one year.

(d) Calibration status labels/sticker shall be affixed on all instruments after calibration. Also, master list of document indicating the calibration date / due date/ status of the individual instrument shall be provided for all the above instruments on completion of the job.

(e) The Agency shall give the guarantee certificate of at least one year for the calibration works being carried out by them.

2. Other Terms and Conditions:

(a) Bidders shall understand the complete scope of work before tendering by visiting the plant premises if required. Ignorance of the site shall not be accepted as basis for any claim / compensation. The submission of the tender by the bidder



will be construed as evidence that such an examination was made and any falter claims/disputes in regard to price quoted shall not be entertained or considered.

(b) Bidders may visit / inspect the BNPM ETP plant installations at their own cost with prior permission of BNPM, if required, before submitting the offer.

(c) The expenses towards transportation of man & materials, accommodation (food & lodging) of personnel, local transport & travel, expenses towards preparation and submission of individual calibration certificates/ affixing labels etc. will be in the scope of bidders.

(d) The number of instruments mentioned in the annexure are indicative. In case there is any addition or deletion is made over and above the list the same shall be paid at actuals.

(e) If required, necessary sectional wise shutdown shall be arranged by BNPM for the execution of works. Complete plant shutdowns (if any) planned by BNPM shall be informed to bidder well in advance to plan for additional manpower for attending the works. Bidder has to promptly arrange the required manpower to utilize the plant shutdowns.

(f) Provision for all the tools, tackles, instruments, equipment etc. whichever required for the completion of the works is in the Scope of bidder and shall be arranged for the bidder.

(g) Bidder shall take full responsibility for supervision and proper execution of works covered under the scope of contract. The work should be executed in through professional way & in true workmanship. The work will be carried out without hampering / disturbing day to day functioning of the BNPM. Any damage caused to BNPM machinery or any other assets inside BNPM premises by any deliberate efforts to effect/hamper the production of the plant by the bidder or his/her team shall be made good or replaced at cost of the bidder only.

(h) The entire works should be to the satisfaction of BNPM. If any of the work is found to be unsatisfactory by BNPM, bidder has to rectify the same within the stipulated time frame given by BNPM at their own cost & expenses.

(i) On completion of the entire works, bidder shall submit the necessary documents/certificates as mentioned in the scope of work.

(j) Bidder's personnel to be engaged in job must use safety gadgets i.e. safety boot, safety helmet, goggles, ear plug etc., inside the installations wherever applicable. Bidder shall ensure the safety of his work personnel while carrying out the calibration job. Supply of all necessary safety gadgets/ PPE are in the scope of bidder.

(k) Bidder's personnel to be engaged in job shall have to obtain entry pass from BNPM Security & Safety department / Individual Section Heads authority for entering in BNPM's secured areas / installations.

3. Documents to be submitted along with the offer:



(a) Bidder shall produce valid copy of the certificate of accreditation (especially for Calibration Field) given by National Accreditation Board for Testing and Calibration Laboratories India (NABL India)

(b) Bidder must have proven and demonstrable experience in the field of Calibration of similar type of Instruments. Bidder shall provide copy of any Purchase Order / Work Order / Completion certificate issued to them in the last 05 years as on 30.04.2020 for carrying out calibration activity.

B. Terms & Conditions:

1. Documents to be submitted:

- a) Signed copy of this document (All the pages).
- b) Filled price details as per the format provided below at point 17.
- c) Technical details /datasheet for the enquired product (if applicable).
- d) Micro / Small Enterprise (Certificate issued by MSME)/UAM/NSIC certificate (If applicable).

2. **Price:** Price shall be inclusive of Boarding, Lodging, Conveyance Charges and GST. Price shall remain fixed & no price variation shall be accepted till pendency of the contract.

3. **Terms of Payment:** 100% within 30 days from the date of successful calibration of the equipment at BNPM Plant, Mysuru and upon submission of calibration certificate and based on certification of User dept. NEFT/RTGS details shall be furnished along with the Original Invoice.

4. **Service Terms & Service Address:** Calibration shall be carried out at Bank Note Paper Mill India Pvt. Ltd., Mysuru.
Service Address: Bank Note Paper Mill India Pvt. Ltd., Note Mudran Nagar, Mysore - 570003. Contact details: 0821-2401 364.

5. **Taxes:** All Taxes shall be as applicable in GST regime.

Payment of CGST, SGST, IGST & UTGST: The suppliers are required to adhere the following procedure in order to honour the payment against CGST, SGST, IGST & UTGST in the invoice.

- i) An invoice issued by the vendor for goods or services or both as applicable should be in accordance with the provisions of Sec 31 of the CGST Act & should contain all the prescribed information's in accordance with Chapter VI of CGST rules 2017.
- ii) A debit note issued if any, by the vendor should be in accordance with the provisions of Sec 34 of the CGST Act.



- iii) The vendor should mandatorily upload the aforementioned documents in respective GSTR, details of outward supplies of goods or services as applicable within the prescribed time under GST Act.
- iv) The vendor should provide the relevant documents to confirm the tax charged on the invoice has been paid to the credit of government after adjusting the ITC if any.

Notwithstanding the above, the supplier should provide indemnification as follows:

In the event of non-compliances with respect to GST Act & Rules by the successful bidder, the purchaser is allowed to adjust the GST amount from retention amount (either in BG or in cash) held by the company. If no amount is available for recovery, the successful bidder will refund the GST liability within 10 days from the date of GST reversal in GSTRN.

The above requirements are mandatory to claim any GST liability, falling which, the GST liability will not be paid /reimbursed/accepted.

6. **Warranty:** The product/service provided shall be under warranty for 12 months from the date of receipt of material/completion of work at BNPM Plant, Mysore. Warranty certificate to be enclosed wherever applicable.
7. **Liquidated Damages (LD):** Liquidated damages shall be applicable at the rate of 0.5% per week or part thereof until actual delivery or performance, subject to a maximum deduction of 10% of the delayed good's /service's contract price.
8. **Delay in supplier's performance:** Time for and the date specified in the contract or as extended for the delivery of the stores shall be deemed to be the essence of the contract and the supplier shall deliver the goods and perform the services under the contract within the time schedule specified by BNPM in the contract.

Any delay attributable to the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all the following sanctions besides any administrative action such as (a) Imposition of liquidity damages (as mentioned in point 7 of this enquiry document); (b) Termination of contract for default (as mentioned in point 10 of this enquiry document).
9. **Extension of Time:** If the contract is delayed in the progress of work by changes ordered in the work, or any clause which BNPM shall decide to justify the delay, then the time of completion shall be extended by a reasonable time.

If at any time during the currency of contract, the supplier encounters conditions hindering timely delivery of the goods and performance of services, the supplier shall promptly inform BNPM in writing about the same and its likely duration and make a request to BNPM for extension of the delivery schedule accordingly. On



receiving the supplier's communication, BNPM shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.

10. **Risk Purchase Clause:** If the supplier fails to abide by the terms and conditions of the contract/agreement, or fails to supply the material as per the delivery schedule or any time repudiates the contract,

Procure the tendered item / render service from other agencies at the risk and cost of the supplier. The cost difference between the alternative arrangement and existing contract value wherein default has been made will be recovered from the supplier along with the other incidental charges.

In case of procurement through alternative sources, if procurement price is lower than the existing contract value wherein default has been made, in such case no benefit on this account will be passed on to the supplier.

11. **Repeat Orders:** Bidders may note that, quantity of maximum upto 50% of the total ordered quantity against this enquiry may be considered for repeat order within a period of 06 months from the date of completion of last supply made in the WO ordered against this enquiry with terms & conditions remaining same as per the original WO.

12. **Termination for Convenience (Foreclosure) Clause:** BNPM reserves the right to terminate the contract, in whole or in part for its (BNPM's) convenience, by serving written notice on the supplier at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of BNPM. The notice shall also indicate inter-alia, the extent to which the supplier's performance under the contract is terminated, and the date with effect from which such termination will become effective.

13. **Settlement of Disputes through Arbitration:** All disputes and differences of any kind whatsoever arising out of or in connection with the contract, whether during the progress of the work or after their completion except accepted matters shall be settled through arbitration process as per the Arbitration & Conciliation Act, 1996. The venue of arbitration shall be Mysore, Karnataka.

14. **Legal Jurisdiction:** The Courts of Mysuru (Karnataka State) shall alone have jurisdiction to decide on any legal matter of dispute whatsoever arising out or in respect of the contract.

15. **Force Majeure:** In the event of any unforeseen event directly interfering with the supply of stores arising during the currency of the contract, such as war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, floods,



explosions, epidemics, quarantine restrictions, strikes, lockouts, or acts of God, the Contractor shall, within a week from the commencement thereof, notify the same in writing to the Purchaser with reasonable evidence thereof. Unless otherwise directed by BNPM in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the

Force Majeure event. If the force majeure condition(s) mentioned above be in force for a period of 90 days or more at any time, either party shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days' notice to the other party in writing. In case of such termination, no damages shall be claimed by either party against the other, save and except those which had occurred under any other clause of this contract prior to such termination.

- 16. Rights of Rejection:** BNPMIPL reserves the right to reject any or all the applied bids without assigning any reason whatsoever. The enquiry can be rejected on national security grounds.



17. Price Bid Format:

Sl. No.	Material Description	UOM	Qty	Unit Price (INR)	** Boarding, lodging & Conveyance Charges (INR)	GST@ Amount (INR)	Unit price including Boarding, lodging, Conveyance Charges & GST (INR)	Total price including Boarding, lodging, Conveyance Charges & GST (INR)	Input GST Credit (INR) {GST amount * Total quantity}	Effective price including Boarding, lodging, Conveyance Charges (INR)
A	B	C	D	E	F	G	H=E+F+G	I=H*D	J=G*D	K=I-J
1.	Onsite Instruments Calibration Services for Flow Transmitters - Differential Pressure Transmitter Based (Details of equipments provided in Annexure-1)	Nos.	21							
2	Onsite Instruments Calibration Services for Temperature Transmitters (Details of equipments provided in Annexure-2)	Nos.	66							
Total Effective price for Onsite Instruments Calibration Services at BNPM Plant, Mysuru (INR)										

Note:

1. Evaluation shall be done on the basis of Total Effective Price (i.e. considering all the line items together) to arrive at L-1 status.
2. ** Includes all the miscellaneous charges which shall be applicable apart from equipment service charges.
3. Bidder shall note that no extra charges shall be payable over and above the charges mentioned here in the price bid.



We hereby confirm that

1. We accept all the terms & conditions mentioned in the enquiry.
2. Price quoted is inclusive of P&F, Insurance, Freight and GST on F.O.R Basis, BNPM Plant, Mysuru.
3. Bid validity: 30 days from the date of enquiry closing date.
4. HSN Code:
5. Delivery period: (Days / Weeks)
6. Warranty Period: 12 Months from the date of completion of calibration of the equipment.
7. Bank Details: Acc. No.; Bank Name:; Branch name:; Branch Code:; IFSC:
8. MSME / NSIC status: (If yes, then supporting document to be submitted along with the offer)
(Please fill above: MSI – For Micro Enterprises; SSI – For Small Enterprises; MED.SI – For Medium Enterprises; NSIC – For National Small Industries Corporation regd. firm)

Signature of bidder:

Contact Person:

Contact Number:

Email id:

Name of the Firm with Address:

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Seal of the firm:

GST No.:



Annexure-1: List of Flow Transmitters - Differential Pressure Transmitter Based

Sr.no	Make	Model	Range in m3/hr	Instrument Differential Pressure	Application	Line size	Tag	Location
1	HONEYWELL	ST700	0.75TPH	-400 to 400 InH2O	Steam	50NB	100BJ101-FT01	BOILER-A Flow transmitter Steam to Header-2
2	SIEMENS	7MG44331DA02-2AC6-2	10000kg/hr	2.5 to 250mBar	Steam	150NB	100BJ102-FT01	BOILER-A Super Heater Outlet flow to steam Header -1
3	HONEYWELL	ST700	0.75TPH	-400 to 400 InH2O	Steam	50NB	100BJ201-FT01	BOILER-B Flow transmitter steam to Header -2
4	SIEMENS	7MG44331DA02-2AC6-2	10000kg/hr	2.5 to 250mBar	Steam	150NB	100BJ202-FT01	BOILER-B Super Heater Outlet flow to Steam header-1
5	HONEYWELL	ST700	0.75TPH	-400 to 400 InH2O	Steam	50NB	100BJ301-FT01	BOILER-C Super Heater Outlet flow to Steam header-1
6	SIEMENS	7MG44331DA02-2AC6-2	10000kg/hr	2.5 to 250mBar	Steam	150NB	100BJ302-FT01	BOILER-C Flow transmitter steam to header -2
7	HONEYWELL	ST700	0-21m3/Hr	-400 to 400 InH2O	Hot water	50NB	100BJ101-WFT01	Deerator tank to BOILER-A feed line
8	HONEYWELL	ST700	0-21m3/Hr	-400 to 400 InH2O	Hot water	50NB	100BJ201-WFT01	Deerator tank to BOILER-B feed line
9	HONEYWELL	ST700	0-21m3/Hr	-400 to 400 InH2O	Hot water	50NB	100BJ301-WFT01	Deerator tank to BOILER-C feed line
10	YAKOGAWA	EJA110E	10m3/hr	0-2500mmH2O	Furnace Oil	50NB	100JJ-01-FT01	DP Type FT at outlet of unloading/transfer Pump of FO
11	YAKOGAWA	EJA110E	10m3/hr	0-2500mmH2O	Diesel	50NB	100IJ-01-FT01	DP Type FT at outlet of unloading/transfer Pump of HSD
12	ABB	266DSHGSSB2A7	64m3/hr	2500mmH2O	Soft Water	DN100	100GJ02-FT01	Soft water from ETP PM Plant
13	ABB	266DSHGSSB2A7	12m3/hr	500mmH2O	RO Water	DN150	100GJ03-FT01	RO water from ETP PM Plant
14	ABB	266DSHGSSB2A7	10438kg/hr	1250mmH2O	Steam	DN250	100GJ06-FT01	MP Steam line to PM Plant
15	ABB	266DSHGSSB2A7	4320kr/hr	2500mmH2O	Steam	DN150	100GJ07-FT01	LP Steam line to PM Plant



16	ABB	266DSHGSSB2A7	120m ³ /hr	2500mmH ₂ O	Water	DN150	100GJ08-FT01	Filtered water from WTP to PM plant
17	ABB	266DSHGSSB2A7	3000kg/hr	1250mmH ₂ O	Steam	DN150	100FJ83-FT01	Steam line from BOILER house to ETP
18	ABB	266DSHGSSB2A7	100m ³ /hr	2500mmH ₂ O	Air	DN40	100FJ85-FT01	Instrument airline to ETP
19	ABB	266DSHGSSB2A7	678m ³ /hr	2500mmH ₂ O	Chilled water	DN300	100EJ07-FT01	Chilled water supply to Process
20	ABB	266DSHGSSB2A7	885m ³ /hr	2500mmH ₂ O	Cooling water	DN400	100DJ05-FT01	Cooling water supply to Chillers
21	ABB	266DSHGSSB2A7	10m ³ /hr	1250mmH ₂ O	Air	DN15	100FJ86-FT01	Plant airline to ETP



Annexure-1: List of Temperature Transmitters

Sr. No	Make	Model	Application	Instrument Range	Tag	Location
1	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	FO	0-200 Deg C	100BJ121-TT01	STEAM OIL PRE HEATER TEMP (SOPH Temp)
2	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	FO	0-200 Deg C	100BJ120-TT01	ELECTRIC COIL PRE HEATER (EOPH Temp)
3	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	FO	0-100 Deg C	100BJ119-TT01	FURNACE OIL TANK TEMPERATURE
4	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Water	0-200 Deg C	100BJ108-TT01	DEAREATOR TANK
5	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ105-TT01	STEAM HEADER 1 TEMP (MP)
6	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Flue gas	0-300 Deg C	100BJ115-TT01	Flue gas leaning Stack Boiler 'A'
7	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-350 Deg C	100BJ109-TT01	Steam Header 1 temperature
8	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-350 Deg C	100BJ207-TT01	STEAM HEADER 1 TEMP
9	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-350 Deg C	100BJ307-TT01	STEAM HEADER 1 TEMP
10	YOKOGAWA	YTA 110	FO	(-)30 to 80 Deg C	100JJ-01-TT01	at FO storage Tank-1
11	YOKOGAWA	YTA 110	FO	(-)30 to 80 Deg C	100JJ-02-TT01	at FO storage Tank-2
12	YOKOGAWA	YTA320	Water	0-30 Deg C	100EJ01-TT01	Temp. in Chilled WTR Return Line Chilling Unit WCU-101A
13	YOKOGAWA	YTA320	Water	0-30 Deg C	100EJ02-TT01	Temp. in Chilled WTR Supply Line Chilling Unit WCU-101A
14	YOKOGAWA	YTA320	Water	0-30 Deg C	100EJ03-TT01	Temp. in Chilled WTR Return Line Chilling Unit WCU-101B
15	YOKOGAWA	YTA320	Water	0-30 Deg C	100EJ04-TT01	Temp. in Chilled WTR Supply Line Chilling Unit WCU-101B
16	YOKOGAWA	YTA320	Water	0-30 Deg C	100EJ05-TT01	Temp. in Chilled WTR Return Line Chilling Unit WCU-101C
17	YOKOGAWA	YTA320	Water	0-30 Deg C	100EJ06-TT01	Temp. in Chilled WTR Supply Line Chilling Unit WCU-101C



18	YOKOGAWA	YTA320	Water	0-60 Deg C	100DJ01-TT01	Temp. in Cooling WTR Return Line from HVAC Chiller
19	YOKOGAWA	YTA320	Water	0-60 Deg C	100DJ02-TT01	Temp. in Common HDR O/L line from cooling towers
20	YOKOGAWA	YTA320	Water	0-60 Deg C	100DJ03-TT01	Temp. in Cooling WTR Supply line to Process
21	YOKOGAWA	YTA320	Water	0-60 Deg C	100DJ04-TT01	Temp. in Cooling WTR Return line from Process
22	YOKOGAWA	YTA320	Water	0-60 Deg C	100DJ05-TT01	Temp. in Cooling WTR Supply line to HVAC Chillers
23	YOKOGAWA	YTA320	Water	0-30 Deg C	100EJ07-TT01	Temp. in Chilled WTR supply line to Process Plant AHU's
24	YOKOGAWA	YTA320	Water	0-30 Deg C	100EJ08-TT01	Temp. in Chilled WTR Return line from Process Plant AHU's
25	YOKOGAWA	YTA320	Water		100GJ05-TT01	TEMP. IN COOLING WTR LINE TO PAPER MACHINE PLANT
26	YOKOGAWA	YTA320	Water		100GJ06-TT01	TEMP. IN COOLING WTR LINE FROM PAPER MACHINE PLANT
27	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ113-TT01	After Air Preheater(Boiler-A)
28	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Air	0-200 Deg C	100BJ114-TT01	After Air Preheater(Boiler-A)
29	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ112-TT01	Before Super heater A & Steam boiler A Temp
30	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ111-TT01	Steam Boiler A to Header No. 2
31	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Flue gas	0-600 Deg C	100BJ116TT01	Super Heater A to Steam Boiler A Temp
32	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Flue gas	0-600 Deg C	100BJ117-TT01	Super Heater A to Steam Boiler A Temp
33	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-350 Deg C	100BJ110-TT01	Super Heater Outlet Header temperature
34	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Water	0-200 Deg C	100BJ118-TT01	Feed water pump to Steam Boiler A temperature
35	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ106-TT01	STEAM HEADER 2 TO PRS 2 TEMP



36	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ104-TT01	STEAM HEADER 1 TO STEAM TRAP ASSEMBLY TEMP
37	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ102-TT01	STEAM HEADER 1 TO PRDS TEMP
38	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ101-TT01	PRDS OUTLET TEMP (LP)
39	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ103-TT01	PRS 1 OUTLET TEMP
40	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ107-TT01	PRS 2 TO DEAREATOR TANK TEMP
41	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Flue gas	0-300 Deg C	100BJ202-TT01	After Air Preheater(Boiler-B)
42	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Air	0-200 Deg C	100BJ203-TT011	After Air Preheater(Boiler-B)
43	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ204-TT01	Before Super heater B AND Steam boiler B Temp
44	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ205-TT01	STEAM BOILER B TO HEADER NO. 2
45	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Flue gas	0-600 Deg C	100BJ209-TT01	SUPER HEATER B TO STEAM BOILER B TEMP
46	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Flue gas	0-600 Deg C	100BJ210-TT01	STEAM BOILER B TO SUPER HEATER B TEMP
47	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-350 Deg C	100BJ206-TT01	SUPER HEATER OUTLET HEADER TEMP.
48	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Water	0-200 Deg C	100BJ208-TT01	FEED WATER PUMP TO STEAM BOILER B TEMP
49	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	FO	0-200 Deg C	100BJ212-TT01	STEAM OIL PRE HEATER TEMP SOPH
50	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	FO	0-200 Deg C	100BJ213-TT01	ELECTRIC COIL PRE HEATER EOPH
51	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Flue gas	0-300 Deg C	100BJ201-TT01	TEMPARATURE TRANSMITTER-1
52	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ302-TT01 TT	After Air Preheater(Boiler-C)
53	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Air	0-200 Deg C	100BJ303-TT01 TT	After Air Preheater(Boiler-C)
54	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ304-TT01	Before Super heater C AND Steam boiler C Temp



55	Honeywell	STT850-5-0A-AHC-11CA 11A0-F1-0000	Steam	0-300 Deg C	100BJ305-TT01	STEAM BOILER C TO HEADER NO. 2
56	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Flue gas	0-600 Deg C	100BJ309-TT01	SUPER HEATER C TO STEAM BOILER C TEMP
57	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Flue gas	0-600 Deg C	100BJ310-TT01	STEAM BOILER C TO SUPER HEATER C TEMP
58	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-350 Deg C	100BJ306-TT01	SUPER HEATER OUTLET HEADER TEMP.
59	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Water	0-200 Deg C	100BJ308-TT01	FEED WATER PUMP TO STEAM BOILER C TEMP
60	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	FO	0-200 Deg C	100BJ312-TT01	STEAM OIL PRE HEATER TEMP SOPH
61	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	FO	0-200 Deg C	100BJ313-TT01	ELECTRIC COIL PRE HEATER EOPH
62	Honeywell	STT25H-0-ENE-TTE-M00-ODO-00-1J	Steam	0-300 Deg C	100BJ301-TT01	TEMPERATURE TRANSMITTER-1
63	YOKOGAWA	YTA320	Water	0-30 Deg C	100GJ03-TT01	TEMP. IN CHILLED WTR RETURN LINE FROM EMG H2O2 COOLING
64	YOKOGAWA	YTA320	Water	0-30 Deg C	100GJ04-TT01	TEMP. IN CHILLED WTR SUPPLY LINE TO EMG H2O2 COOLING
65	YOKOGAWA	YTA320	Water		100FJ81-TT01	TEMPERATURE IN COOLING WATER SUPPLY LINE TO ETP
66	YOKOGAWA	YTA320	Water		100FJ82-TT01	TEMPERATURE IN COOLING WATER RETURN LINE FROM ETP

