



General Note:

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PHONE : 91-44-28158821

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FAX NO:

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OFFICE COPY**Collective No.**

9631800266

Enquiry Date

05.07.2018

**Due Date For
Quotation**

28.07.2018

Please quote Enquiry No, Date and due date in all correspondences.
This is only a request for quotation and not an order

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	SP9110119015 BUTTERFLY AIR VALVE-ZONE 1&4 RHF BUTTERFLY TYPE AIR CONTROL VALVE ,SPECIFICATION SHEET,PROCESS DATA :Zone:1&4 ,Drawing No:BHEL/CV(Z1&Z4)-DRG-018 LINE SIZE : DN 300 mm(12inch),CONTROLLED FLOW : MAX 2700 NM Cubic/hour,upon closing the valve the leakage rate should be less than 1% of the designed flow rate,INLET PRESSURE : MAX-1020mm WC NORMAL-800mm WC,PRESSURE DROP : 100mm WC,TEMPERATURE : MAX-500 DEGREE CENTIGRADE NORMAL-400 DEGREE CENTIGRADE VALVE DESCRIPTION :VALVE TYPE : Damper Butterfly Valve,VALVE SIZE :DN 300mm(12 inch),BOTH ENDS:FLANGED(MATCHING FLANGES 2nos WITH SUITABLE GASKETS TO BE PROVIDED),DESIGN PRESSURE : AS PER STANDARD,FACE TO FACE DISTANCE : AS PER Drawing SHAFT MATERIAL : SS304,SEATING MATERIAL: To suit 400 Deg operating temperature,Body Material: SS304,Disc Material : SS304 Flange Hole size: As per drawing,MEDIUM OF FLOW : COMBUSTION AIR,RATING : CONTINUOUSLY OPERATING , FOR 24hours Vendor to reply pointwise to the below points:1) Should be manufacturer of butterfly valve,2) Should be a ISO 9001:2015 certified company,3) Should have previously supplied valve working satisfactorily under similar condition- 1 PO copy to be furnished. 4) Drawings to submitted for approval before manufacturing. Drawing should have detailed view of the actuator mounting area 5) Dimensions in drawing Drawing No:BHEL/CV(Z1&Z4)-DRG-018 to be maintained	NO	2.000	2.00	24.09.18
The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.					
Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED MANAGER / PURCHASE (SSTP)					

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6) Inspection shall be carried out by BHEL at vendor works to check the leakage rate on closing.					
20	SP9110119016 BUTTERFLY AIR VALVE-ZONE 2 RHF BUTTERFLY TYPE AIR CONTROL VALVE SPECIFICATION SHEET PROCESS DATA :Zone:2,Drawing No:BHEL/CV(Z2)-DRG-019 LINE SIZE : DN 500 mm(20 inch),CONTROLLED FLOW:MAX 6600 NM Cubic/hour,upon closing the valve the leakage rate should be less than 1% of the designed flow rate,INLET PRESSURE : MAX-1020mm WC NORMAL-800mm WC,PRESSURE DROP : 100mm WC,TEMPERATURE : MAX-500 DEGREE CENTIGRADE NORMAL-400 DEGREE CENTIGRADE VALVE DESCRIPTION :VALVE TYPE : Damper Butterfly Valve,VALVE SIZE: DN 500mm(20 inch),BOTH ENDS:FLANGED (MATCHING FLANGES 2nos WITH SUITABLE GASKETS TO BE PROVIDED),DESIGN PRESSURE : AS PER STANDARD,FACE TO FACE DISTANCE : AS PER Drawing SHAFT MATERIAL : SS304,SEATING MATERIAL: To suit 400 Deg operating temperature,Body Material: SS304,Disc Material : SS304 Flange Hole size: As per drawing,MEDIUM OF FLOW : COMBUSTION AIR,RATING : CONTINUOUSLY OPERATING , FOR 24hours Vendor to reply pointwise to the below points:1) Should be manufacturer of butterfly valve,2) Should be a ISO 9001:2015 certified company,3) Should have previously supplied valve working satisfactorily under similar condition- 1 PO copy to be furnished. 4) Drawings to submitted for approval before manufacturing. Drawing should have detailed view of the actuator mounting area 5) Dimensions in drawing BHEL/CV(Z2)-DRG-019 to be maintained 6) Inspection shall be carried out by BHEL at vendor works to check the leakage rate on closing.	NO	1.000	1.00	24.09.18
30	SP9110119017 BUTTERFLY AIR VALVE-ZONE 3 RHF BUTTERFLY TYPE AIR CONTROL VALVE ,SPECIFICATION SHEET,PROCESS DATA	NO	1.000	1.00	24.09.18

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MANAGER / PURCHASE
(SSTP)

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:Zone:3 ,Drawing No:BHEL/CV(Z3)-DRG-020
LINE SIZE : DN 350 mm(14 inch),CONTROLLED
FLOW : MAX 3500 NM
Cubic/hour,upon closing the valve the leakage
rate should be less than
1% of the designed flow rate,INLET PRESSURE
:MAX-1020mm WC
NORMAL-800mm WC,PRESSURE DROP :
100mm WC,TEMPERATURE : MAX-500
DEGREE
CENTIGRADE NORMAL-400 DEGREE
CENTIGRADE
VALVE DESCRIPTION :VALVE TYPE: Damper
Butterfly Valve,VALVE SIZE : DN
350mm(14 inch),BOTH ENDS:FLANGED
(MATCHING FLANGES
2nos WITH SUITABLE GASKETS TO BE
PROVIDED),DESIGN PRESSURE : AS PER
STANDARD,FACE TO FACE DISTANCE : AS
PER Drawing
SHAFT MATERIAL : SS304,SEATING
MATERIAL: To suit 400 Deg operating
temperature,Body Material: SS304,Disc Material
: SS304
Flange Hole size: As per drawing,MEDIUM OF
FLOW : COMUSTION AIR,RATING
: CONTINIOUSLY OPERATING , FOR 24hours
Vendor to reply pointwise to the below
points:1) Should be manufacturer
of butterfly valve,2) Should be a ISO
9001:2015
certified company,3) Should have previously
supplied valve working
satisfactorily under similar condition - 1 PO
copy to be furnished.
4) Drawings to submitted for approval before
manufacturing. Drawing should have detailed
view
of the actuator mounting area 5) Dimensions in
drawing BHEL/CV(Z3)-DRG-
020 to be maintained
6)Inspection shall be carried out by BHEL at
vendor works to check the
leakage rate on closing.

40 SP9110119018

NO

1.000

1.00

24.09.18

BUTTERFLY AIR VALVE-ZONE 5
RHF

BUTTERFLY TYPE AIR CONTROL VALVE
,SPECIFICATION SHEET,PROCESS DATA
:Zone:5 ,Drawing No:BHEL/CV(Z5)-DRG-021
LINE SIZE : DN 250 mm,CONTROLLED FLOW :
MAX 2000 NM Cubic/hour,upon
closing the valve the leakage rate should be
less than 1% of the
designed flow rate,INLET PRESSURE :
MAX-1020mm WC
NORMAL-800mm WC,PRESSURE DROP :
100mm WC,TEMPERATURE : MAX-500
DEGREE

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9631800266 / 05.07.2018

23505

CENTIGRADE NORMAL-400 DEGREE
CENTIGRADE
VALVE DESCRIPTION : VALVE TYPE : Damper
Butterfly Valve, VALVE SIZE :
DN 250 mm, BOTH ENDS : FLANGED
(MATCHING FLANGES
2nos WITH SUITABLE GASKETS TO BE
PROVIDED), DESIGN PRESSURE : AS PER
STANDARD, FACE TO FACE DISTANCE : AS
PER Drawing
SHAFT MATERIAL : SS304, SEATING
MATERIAL: To suit 400 Deg operating
temperature, Body Material: SS304, Disc Material
: SS304
Flange Hole size: As per drawing, MEDIUM OF
FLOW : COMUSTION AIR, RATING
: CONTINUOUSLY OPERATING , FOR 24hours
Vendor to reply pointwise to the below
points:1) Should be manufacturer
of butterfly valve, 2) Should be a ISO
9001:2015
certified company, 3) Should have previously
supplied valve working
satisfactorily under similar condition- 1 PO copy
to be furnished.
4) Drawings to be submitted for approval before
manufacturing. Drawing should have detailed
view
of the actuator mounting area 5) Dimensions in
drawing BHEL/CV(Z5)-DRG-
021 to be maintained
6) Inspection shall be carried out by BHEL at
vendor works to check the
leakage rate on closing.

50 SP9112360103 NO 1.000 1.00 26.09.18

BUTTERFLY VALVE FOR CPE
(MODEL: ECO-DA
BUTTERFLY VALVE FOR CPE
(MODEL: ECO-DA-40) SIZE : 1 1/2" (40MM) ISO
5211
STDANDARD DOUBLE ACTING
PNEUMATIC ROTARY ACTUATOR OPERATED
ON-OFF TYPE WCB (CAST STALL) BODY
< (> &<)> SS
304(CF8) DISC, EPDM MOULDED SEAT
, WATER TYPE 150# "BUTTERFLY VALVE"
WITH ACCESSORIES.

60 SP9112360104 NO 1.000 1.00 26.09.18

BUTTERFLY VALVE FOR CPE
(MODEL: ECO-DA
BUTTERFLY VALVE FOR CPE
(MODEL: ECO-DA-80) SIZE : 3" (80MM) ISO 5211
STDANDARD DOUBLE
ACTING PNEUMATIC ROTARY ACTUATOR
OPERATED ON-OFF
TYPE WCB (CAST STALL)
BODY & SS 304(CF8) DISC, EPDM MOULDED
SEAT, WATER TYPE 150# "BUTTERFLY VALVE"

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**9631800266 / 05.07.2018****23505**

WITH ACCESSORIES.					
70	SP9112360350 PNEU.OPERATED GLOBE VALVE (PIPE SIZE:40) PNEUMATICALLY OPERATED GLOBE VALVE WITH ACTUATOR FOR PLUG INTERNAL COOLING. PIPE SIZE : 40mm MODEL : GKF Sr.N o. : 1210001 MAKE : AIRA MEDIUM : WATER PRESSURE : 3kg/sq.cm NORMALLY CLOSED NO CYC LES : 4 per min PNEUMATIC PRESSURE : 6 kg/sq.cm BODY MATL : CAST STEEL END CONNECTION : FLANGES(INTERGRATED W ITH VALVE) PRESSURE CLASS : 150 ACTUATOR : PNEUMATIC CYLINDER WITH SPRING RETURN CLOSING /AIR CONNECTION 1/4" BSP SOLENOID : 24V DC DIRECTION CONTROL VALVE OF REPUTED MAKE TO BE SUPPLIED.	NO	2.000	2.00	26.09.18
80	SP9112702347 PNEMATICALLY OPERATED GLOBE VALVE PHB PNEUMATICALLY OPERATED GLOBE VALVE SIZE : 125mm FLOW MEDIUM : WATER PRESSURE CLASS : 150 MODEL : GFLO (MARK ONE)	NO	1.000	1.00	26.09.18
90	SP9115537150 PNEU.OPERATED GLOBE VALVE(NB 80)SRM&CPE PNEUMATICALLY OPERATED GLOBE VALVE WITH ACTUATOR. MODEL :GKF TYPE:NORMALLY CLOSED NOMINAL DIA :80mm MEDIUM : WATER WATER PRESSURE : 3kg/sq.cm NO OF CYCLES : 4 per min PNEUMATIC PRESSURE : 6 kg/sq.cm BODY MATL : C.S END CONNECTION :FLANGES(INTERGRATED WITH VALVE) PRESSURE CLASS : 150 ACTUATOR CYLINDER : S.S.AISI 304 PNEUMATIC WITH SPRING RETURN CLOSING SOLENOID : 24 VDC	NO	3.000	3.00	26.09.18

General Note:**Enclosures:****"LD clause has to be confirmed without fail."**

The bidder along with its associate / collaborators / sub-contractors / sub-vendors / consultants /service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

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**9631800266 / 05.07.2018****23505****PR Links**

Material.	PR.No	PR.Item.	Quantity	Acc. Assign	Customer Number
SP9110119015	122129477	00010	2.000	/000000	
SP9110119016	122129477	00020	1.000	/000000	
SP9110119017	122129477	00030	1.000	/000000	
SP9110119018	122129477	00040	1.000	/000000	
SP9112360103	122129477	00080	1.000	/000000	
SP9112360104	122129477	00090	1.000	/000000	
SP9112360350	122129477	00050	2.000	/000000	
SP9112702347	122129477	00070	1.000	/000000	
SP9115537150	122129477	00060	3.000	/000000	

list of suppliers**RFQ-5200007290****Open Tender Dummy Code**

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(SSTP)