## THE BRAITHWAITE BURN AND JESSOP CONSTRUCTION CO.LTD. (A GOVT. OF INDIA ENTERPRISE)

Regd. Office: 27, RAJENDRA NATH MUKHERJEE ROAD P.O.Box No. 264, Kolkata - 700 001 (WEST BENGAL) PHONE NO. (033) 2248 5841-44; FAX: (033) 2210 -3961

E-MAIL: bbj@india.com; info@bbjconst.com Website:- www.bbjconst.com

BBJ/TS/D-1612 + 1613/SPARES/'CP' /2147 & 3128

15th February, 2018

Sealed Tenders are invited directly from Chicago Pneumatic Sales in connection with supply of different type of spares required for "Chicago Pneumatic" make Impact Wrench(Model No. CP-10). The description of our required items alongwith other terms and conditions are mentioned hereunder:-

1. <u>Item required</u>: As pe enclosed "BILL OF QUANTITY (BOQ-1).

**Notes :-** The award of the order or rejection of the Tenderer's offer and/or cancellation of the tender will be made at the absolute discretion of BBJ. BBJ reserves the right to cancel or accept or reject any or all tender(s), whether lowest or otherwise, without assigning any reason(s), whatsoever thereof. A tenderer whose Tender is not accepted shall not be entitled to claim any cost, charges or expenses incidental to or incurred by him through or in connection with the preparation and submission of the Tender/Offer to BBJ.

- 2. <u>Rate</u>:- Your quoted rate should be inclusive of delivery charges up to BBJ Kharsia-Gurda Bridge Site, Chhattisgarh. GST(as applicable) will be extra.
- 3. <u>Validity of Offer</u>: Your offer should be valid and firm for a period of 90 days from the date of opening of offer.
- 4. <u>Delivery Place</u>: At The Braithwaite Burn And Jessop Construction Company Limited, Bridge Site for Br.No. 17, Village:-Navrangepure, Near Dhonga Ghat, Thana-Kharsia, Dist-Raigarh, Chhattisgarh-496661.
- 5. **Delivery Period**: Within 30 days from the date of order.
- 6. <u>Payment</u>: Within 30 days from the date of delivery and submission of bill with receipted challan.
- 7. <u>Earnest Money Deposit</u>: An amount of Rs.5,000.00 (Rupees five thousand only) to be submitted with individual offer, as EMD amount in form of account payee Demand Draft/Pay Order/Banker's Cheque in favour of "The Braithwaite Burn And Jessop Construction Company Limited", payable at Kolkata. Unsuccessful bidders will be refunded the Earnest Money Deposit amount after the award of the contract/order to the successful bidder.

The EMD amount of successful bidder will be released within 30 days after completion of total supply/service/installation/work without any interest subject to receipt of written request from the successful bidder.

The Units registered with National Small Industries Corporation(NSIC) are exempted from payment of EMD subject to:

- (a). The NSIC Registration Certificate till remains valid up to the date of validity quotation
- (b). The bid is accompanied with a copy of valid NSIC Registration Certificate.
- (c). Photocopy of application for registration as NSIC for renewal of NSIC will not be acceptable. Such offers will be treated as offers received without EMD.

- 8. <u>Liquidated Damage</u>: If you fail to complete supply as per our order within stipulated period, 0.5% of order value will be deducted from your bill for per week of delay subject to maximum of 5% of order value.
- 9. <u>Termination of Contract</u>:- If the supplier failure to complete the total work/supply/service as per requirement and within the stipulated completion period, BBJ reserves the right to cancel the order, either in part or full as the situation demands and get the work done by deploying other agency/agencies by issuing first seven days and then 48 hours notice. Additional cost if incurred shall be recovered from the supplier's bill.

## 10. **JURISDICTION OF COURT**:

The Courts at Kolkata shall have the exclusive jurisdiction to try all disputes, if any, arising out of this agreement between the parties.

## 11. **ARBITRATION:**-

In the event of any questions arising out of the Contract or ancillary/ incidental as to the terms and conditions of it or relate to any matter for execution and/or performance of the contract, the same shall in-so-facto be referred to the appropriate Authority and the interpretation made by the said authority shall be final and binding upon the parties.

Notwithstanding the above, should there be any, disputes or differences by and between the parties arising out of anything under the contract, the same shall within 30 days of its occurrence first be referred to the said authority for conciliation and/or determination by the said authority. If the findings of the said authority should be acceptable by parties to the contract as communicated in writing within the next following 30 days of making reference to it. Nevertheless, the parties at their sole option shall within the next following 30 days choose to refer or cause the matter to be referred to the Arbitrator of Person in writing, whereupon the appropriate Authority shall within two weeks hence take steps for appointment of Arbitrator of Person from amongst the officers whether or not connected in the matter and the same shall be communicated in writing to the parties making reference within the next following two weeks and the same shall be final and binding upon the parties. The Arbitrator shall enter into the reference by appropriate notice of communication to be served or cause the said notice to be served upon the parties summoning the respective parties to attend the proceedings at the date time and venue. The proceedings of Arbitration shall be at per with the Arbitration and Conciliation Act 1996 as amended up to date. Jurisdiction of the matter shall be within the appropriate Courts of Kolkata. Acceptance of Order/LOI of the concerned agency shall be deemed to be the Free Consent given by party under the law towards execution of these covenants of contract under the Contract of Arbitration.

12. <u>BID SUBMISSION DATE,TIME & PLACE</u>:-Your sealed quotation must reach to our Registered Office (27 R.N.Mukherjee Road,Kolkata-700 001) on or before 22<sup>nd</sup> February,2018 by 11.30 a.m.

(Tapas Sen)
Supervisor(M&P)

<u>BILL OF QUANTITY (BOQ-1)</u> <u>ENCLOSURE TO BBJ NIR NO. BBJ/TS/D-1612+1613/SPARES/'CP'/2147&3128 DT. 15.02.2018</u>

Sl.No.   Description of Spares required for "CP" make Pneumatic Impact Wench(Model:-CP-10)   Pc.   12		ENCLOSURE TO BBJ NIR NO. BBJ/TS/D-1612+1613/SPA	KES//CP//	<u> 2147&amp;31</u>	28 DI. 15.02.201
1         Retainer Pin (P/No. D1116761)         Pc.         12           2         Anvil Bushing (P/No. D73577761)         Pc.         2           3         Anvil (P/No. C1401761)         Pc.         2           4         Dog Release Spring (P/No. H3414761)         Pc.         4           5         Thrust Pin (P/No. D1124761)         Pc.         4           6         Steal Ball (P/No. M6112412)         Pc.         100           7         Ball Retainer Pin (P/No. D1124761)         Pc.         4           8         Dog (P/No. C4602761)         Pc.         2           9         Spring Tension Pin (P/No. M5008761)         Pc.         2           9         Spring Tension Pin (P/No. M5008761)         Pc.         2           10         Roller (P/No. D1121761)         Pc.         4           11         Spring Tension Pin (P/No. M5008761)         Pc.         4           12         Thrust Flange (P/No. D1121761)         Pc.         4           13         Hammar (P/No. C8401761)         Pc.         4           14         Hearing (P/No. C8401761)         Pc.         2           14         Needle Bearing (Inc. P/No. M5304761)         Pc.         6           15	SI.No.	Description of Spares required for "CP" make	Unit	Onty.	Rate Per Unit
2 Anvil Bushing (P/No. D73577761) Pc. 2 3 Anvil (P/No. C1401761) Pc. 2 4 Dog Release Spring (P/No. H3414761) Pc. 4 5 Thrust Pin (P/No. D1124761) Pc. 4 6 Steal Ball (P/No. M6112412) Pc. 100 7 Ball Retainer Pin (P/No. D1124761) Pc. 4 8 Dog (P/No. C4602761) Pc. 2 9 Spring Tension Pin (P/No. M5008761) Pc. 2 10 Roller (P/No. D1121761) Pc. 50 11 Spindle (P/No. D1913761) Pc. 4 12 Thrust Flange (P/No. D6512761) Pc. 4 13 Hammar (P/No. C8401761) Pc. 2 14 Needle Bearing (Inner) P/No. M5304761 15 Needle Bearing (P/No. D7351761) Pc. 2 16 Bearing Bushing (P/No. D7351761) Pc. 6 17 Cam Roller (P/No. M5443761) Pc. 6 18 Ball Bearing (P/No. M4001761) Pc. 6 19 Gas kit (P/No. H0613761) Pc. 10 20 Retaining Ring (P/No. M4001761) Pc. 6 21 Rotter Bearing (P/No. M4001761) Pc. 6 22 Lower End Plate (P/No. C4412761) Pc. 6 23 "O" Ring for Reverse Valve(P/No. H0110005) Pc. 6 24 Rotter (P/No. D1715761) Pc. 18 25 Rotter Blade (P/No. H5010761) Pc. 18 26 Liner (P/No. D7108761) Pc. 2 27 Upper End Plate (P/No. C4413761) Pc. 2 28 Returning Ring (P/No. M4107761) Pc. 6 29 Gas Kit (P/No. H0616761) Pc. 10 20 Gas Kit (P/No. O7108761) Pc. 10 21 Cok Washer (P/No. H010761) Pc. 10 22 Cok Washer (P/No. H0616761) Pc. 10 23 Cok Rotter (P/No. H0616761) Pc. 10 24 Cok Washer (P/No. O3707000) Pc. 10 25 Cok Ring (Pr. No. Q2804000) Pc. 10 26 Cok Ring (Pr. No. Q2804000) Pc. 10 27 Cok Ring (P/No. Q0104700) Pc. 12		Pneumatic Impact Wrench(Model:-CP-10)			
Anvil (P/No. C1401761) Pc. 2  4 Dog Release Spring (P/No. H3414761) Pc. 4  5 Thrust Pin (P/No. D1124761) Pc. 4  6 Steal Ball (P/No. M6112412) Pc. 100  7 Ball Retainer Pin (P/No. D1124761) Pc. 4  8 Dog (P/No. C4602761) Pc. 2  9 Spring Tension Pin (P/No. M5008761) Pc. 2  10 Roller (P/No. D1121761) Pc. 50  11 Spindle (P/No. D1913761) Pc. 4  12 Thrust Flange (P/No. D6512761) Pc. 4  13 Hammar (P/No. C8401761) Pc. 2  14 Needle Bearing (Inner) P/No. M5304761 Set 6  15 Needle Bearing (Outer) P/No. M5302761 Set 6  16 Bearing Bushing (P/No. D351761)  17 Cam Roller (P/No. D3807761) Pc. 6  18 Ball Bearing (P/No. M5443761) Pc. 6  19 Gas Kit (P/No. H0613761) Pc. 6  20 Rettaining Ring (P/No. M4001761) Pc. 6  21 Rotter Bearing (P/No. M5439761) Pc. 6  22 Lower End Plate (P/No. C4412761) Pc. 2  23 "O" Ring for Reverse Valve(P/No. H0110005) Pc. 6  24 Rotter (P/No. D1715761) Pc. 18  25 Rotter Blade (P/No. C4413761) Pc. 18  26 Liner (P/No. C7108761) Pc. 18  27 Upper End Plate (P/No. C4413761) Pc. 18  28 Returning Ring (P/No. C4413761) Pc. 2  29 Rotter Blade (P/No. C4413761) Pc. 18  20 Returning Ring (P/No. C4413761) Pc. 2  21 Upper End Plate (P/No. C4413761) Pc. 18  22 Returning Ring (P/No. C4413761) Pc. 18  23 Returning Ring (P/No. C4413761) Pc. 18  24 Rotter (P/No. C7108761) Pc. 18  25 Rotter Blade (P/No. C4413761) Pc. 2  26 Rotter Blade (P/No. C4413761) Pc. 18  27 Upper End Plate (P/No. C4413761) Pc. 6  28 Rotter Blade (P/No. C4413761) Pc. 6  29 Gas Kit (P/No. H0616761) Pc. 10  30 Lock Washer (P/No. Q3707000) Pc. 10  31 Screw (P/No. Q2804000) Pc. 10  32 O' Ring (P/No. Q0104700) Pc. 12	1	Retainer Pin (P/No. D1116761)	Pc.	12	
Dog Release Spring (P/No. H3414761)	2	Anvil Bushing (P/No. D73577761)	Pc.	2	
5 Thrust Pin (P/No. D1124761)         Pc. 4           6 Steal Ball (P/No. M6112412)         Pc. 100           7 Ball Retainer Pin (P/No. D1124761)         Pc. 4           8 Dog (P/No. C4602761)         Pc. 2           9 Spring Tension Pin (P/No. M5008761)         Pc. 2           10 Roller (P/No. D1121761)         Pc. 50           11 Spindle (P/No. D1913761)         Pc. 4           12 Thrust Flange (P/No. D6512761)         Pc. 4           13 Hammar (P/No. C8401761)         Pc. 2           14 Needle Bearing (Inner) P/No. M5304761         Needle Bearing (Outer) P/No.M5302761           15 Needle Bearing (P/No. D3807761)         Set 6           16 Bearing Bushing (P/No. D3807761)         Pc. 6           17 Cam Roller (P/No. D3807761)         Pc. 10           18 Ball Bearing (P/No. M5443761)         Pc. 6           19 Gas Kit (P/No. H0613761)         Pc. 6           20 Retaining Ring (P/No. M5439761)         Pc. 6           21 Rotter Bearing (P/No. M5439761)         Pc. 6           22 Lower End Plate (P/No. C4412761)         Pc. 2           23 "O" Ring for Reverse Valve(P/No. H0110005)         Pc. 6           24 Rotter (P/No. D1715761)         Pc. 2           25 Rotter Blade (P/No. H5010761)         Pc. 2           26 Returning Ring (P/No. M4107761)         Pc. 6 </td <td>3</td> <td>Anvil (P/No. C1401761)</td> <td>Pc.</td> <td>2</td> <td></td>	3	Anvil (P/No. C1401761)	Pc.	2	
6         Steal Ball (P/No. M6112412)         Pc.         100           7         Ball Retainer Pin (P/No. D1124761)         Pc.         4           8         Dog (P/No. C4602761)         Pc.         2           9         Spring Tension Pin (P/No. M5008761)         Pc.         2           10         Roller (P/No. D1121761)         Pc.         50           11         Spindle (P/No. D1913761)         Pc.         4           12         Thrust Flange (P/No. D6512761)         Pc.         4           13         Hammar (P/No. C8401761)         Pc.         2           14         Needle Bearing (Incer) P/No. M5304761         Set         6           15         Needle Bearing (Outer) P/No.M5302761         Set         6           16         Bearing Bushing (P/No. D7351761)         Set         6           16         Bearing Bushing (P/No. D3807761)         Pc.         6           18         Ball Bearing (P/No. M5443761)         Pc.         6           19         Gas Kit (P/No. H0613761)         Pc.         6           20         Retter Bearing (P/No. M5439761)         Pc.         6           21         Rotter Bearing (P/No. M5439761)         Pc.         2           22 </td <td>4</td> <td>Dog Release Spring (P/No. H3414761)</td> <td>Pc.</td> <td>4</td> <td></td>	4	Dog Release Spring (P/No. H3414761)	Pc.	4	
7       Ball Retainer Pin (P/No. D1124761)       Pc. 4         8       Dog (P/No. C4602761)       Pc. 2         9       Spring Tension Pin (P/No. M5008761)       Pc. 2         10       Roller (P/No. D1121761)       Pc. 50         11       Spindle (P/No. D1913761)       Pc. 4         12       Thrust Flange (P/No. D6512761)       Pc. 4         13       Hammar (P/No. C8401761)       Pc. 2         14       Needle Bearing (Inner) P/No. M5304761       Set         15       Needle Bearing (Outer) P/No.M5302761       Set         16       Bearing Bushing (P/No. D3807761)       Set         17       Cam Roller (P/No. D3807761)       Pc. 6         18       Ball Bearing (P/No. M5443761)       Pc. 10         20       Retaining Ring (P/No. M4001761)       Pc. 6         21       Rotter Bearing (P/No. M5439761)       Pc. 6         22       Lower End Plate (P/No. C4412761)       Pc. 2         23       "O" Ring for Reverse Valve(P/No. H0110005)       Pc. 6         24       Rotter (P/No. D1715761)       Pc. 2         25       Rotter Blade (P/No. H5010761)       Pc. 2         26       Liner (P/No. C7108761)       Pc. 2         27       Upper End Plate (P/No. C4413761)	5	Thrust Pin (P/No. D1124761)	Pc.	4	
8         Dog (P/No. C4602761)         Pc.         2           9         Spring Tension Pin (P/No. M5008761)         Pc.         2           10         Roller (P/No. D1121761)         Pc.         50           11         Spindle (P/No. D1913761)         Pc.         4           12         Thrust Flange (P/No. D6512761)         Pc.         4           13         Hammar (P/No. C8401761)         Pc.         2           14         Needle Bearing (Inner) P/No. M5304761         Set         6           15         Needle Bearing (Outer) P/No. M5302761         Set         6           16         Bearing Bushing (P/No. D7351761)         Set         6           17         Cam Roller (P/No. D3807761)         Pc.         6           19         Gas Kit (P/No. H0613761)         Pc.         6           19         Gas Kit (P/No. H0613761)         Pc.         6           20         Retaining Ring (P/No. M4001761)         Pc.         6           21         Rotter Bearing (P/No. M5439761)         Pc.         2           23         "O" Ring for Reverse Valve(P/No. H0110005)         Pc.         6           24         Rotter (P/No. D1715761)         Pc.         2           25	6	Steal Ball (P/No. M6112412)	Pc.	100	
9 Spring Tension Pin (P/No. M5008761) Pc. 2 10 Roller (P/No. D1121761) Pc. 50 11 Spindle (P/No. D1913761) Pc. 4 12 Thrust Flange (P/No. D6512761) Pc. 4 13 Hammar (P/No. C8401761) Pc. 2 14 Needle Bearing (Inner) P/No. M5304761 15 Needle Bearing (Outer) P/No.M5302761 Set 6 16 Bearing Bushing (P/No. D7351761) 17 Cam Roller (P/No. D3807761) 18 Ball Bearing (P/No. M5443761) Pc. 6 19 Gas Kit (P/No. H0613761) Pc. 10 20 Retaining Ring (P/No. M4001761) Pc. 6 21 Rotter Bearing (P/No. M5439761) Pc. 6 22 Lower End Plate (P/No. C4412761) Pc. 2 23 "O" Ring for Reverse Valve(P/No. H0110005) Pc. 6 24 Rotter (P/No. D1715761) Pc. 2 25 Rotter Blade (P/No. H5010761) Pc. 18 26 Liner (P/No. C7108761) Pc. 2 27 Upper End Plate (P/No. C4413761) Pc. 2 28 Returning Ring (P/No. M4107761) Pc. 6 29 Gas Kit (P/No. H0616761) Pc. 10 30 Lock Washer (P/No. Q3707000) Pc. 10 31 Screw (P/No. Q2804000) Pc. 12	7	Ball Retainer Pin (P/No. D1124761)	Pc.	4	
Roller (P/No. D1121761)	8	Dog (P/No. C4602761)	Pc.	2	
11       Spindle (P/No. D1913761)       Pc. 4         12       Thrust Flange (P/No. D6512761)       Pc. 4         13       Hammar (P/No. C8401761)       Pc. 2         14       Needle Bearing (Inner) P/No. M5304761       Set 6         15       Needle Bearing (Outer) P/No.M5302761       Set 6         16       Bearing Bushing (P/No. D3807761)       Set 6         17       Cam Roller (P/No. D3807761)       Pc. 6         18       Ball Bearing (P/No. M5443761)       Pc. 10         20       Retaining Ring (P/No. H0613761)       Pc. 6         21       Rotter Bearing (P/No. M5439761)       Pc. 6         22       Lower End Plate (P/No. C4412761)       Pc. 2         23       "O" Ring for Reverse Valve(P/No. H0110005)       Pc. 6         24       Rotter (P/No. D1715761)       Pc. 2         25       Rotter Blade (P/No. H5010761)       Pc. 18         26       Liner (P/No. C7108761)       Pc. 2         27       Upper End Plate (P/No. M4107761)       Pc. 2         28       Returning Ring (P/No. M4107761)       Pc. 6         29       Gas Kit (P/No. H0616761)       Pc. 10         30       Lock Washer (P/No. Q3707000)       Pc. 10         31       Screw (P/No. Q2804000) </td <td>9</td> <td>Spring Tension Pin (P/No. M5008761)</td> <td>Pc.</td> <td>2</td> <td></td>	9	Spring Tension Pin (P/No. M5008761)	Pc.	2	
Thrust Flange (P/No. D6512761) Pc. 4  Hammar (P/No. C8401761) Pc. 2  Needle Bearing (Inner) P/No. M5304761  Needle Bearing (Outer) P/No. M5302761 Set 6  Bearing Bushing (P/No. D7351761)  Cam Roller (P/No. D3807761)  Ball Bearing (P/No. M5443761) Pc. 6  Gas Kit (P/No. H0613761) Pc. 6  Retaining Ring (P/No. M4001761) Pc. 6  Rotter Bearing (P/No. M5439761) Pc. 6  Lower End Plate (P/No. C4412761) Pc. 2  "O" Ring for Reverse Valve(P/No. H0110005) Pc. 6  Rotter Blade (P/No. H5010761) Pc. 18  Ketter Blade (P/No. H5010761) Pc. 2  Rotter Blade (P/No. H5010761) Pc. 2  Rotter Blade (P/No. H5010761) Pc. 2  Rotter Blade (P/No. C4413761) Pc. 2  Returning Ring (P/No. M4107761) Pc. 18  Returning Ring (P/No. M4107761) Pc. 10  Cas Kit (P/No. H0616761) Pc. 10  Cas Kit (P/No. H0616761) Pc. 10  Cok Washer (P/No. Q3707000) Pc. 10  O'Ring (P/No. Q2804000) Pc. 12	10	Roller (P/No. D1121761)	Pc.	50	
13       Hammar (P/No. C8401761)       Pc.       2         14       Needle Bearing (Inner) P/No. M5304761       Set       6         15       Needle Bearing (Outer) P/No. M5302761       Set       6         16       Bearing Bushing (P/No. D7351761)       Set       6         17       Cam Roller (P/No. D3807761)       Pc.       6         18       Ball Bearing (P/No. M5443761)       Pc.       6         19       Gas Kit (P/No. H0613761)       Pc.       6         20       Retaining Ring (P/No. M4001761)       Pc.       6         21       Rotter Bearing (P/No. M5439761)       Pc.       6         22       Lower End Plate (P/No. C4412761)       Pc.       2         23       "O" Ring for Reverse Valve(P/No. H0110005)       Pc.       6         24       Rotter (P/No. D1715761)       Pc.       2         25       Rotter Blade (P/No. H5010761)       Pc.       18         26       Liner (P/No. C7108761)       Pc.       2         27       Upper End Plate (P/No. C4413761)       Pc.       2         28       Returning Ring (P/No. M4107761)       Pc.       6         29       Gas Kit (P/No. H0616761)       Pc.       10	11	Spindle (P/No. D1913761)	Pc.	4	
13       Hammar (P/No. C8401761)       Pc.       2         14       Needle Bearing (Inner) P/No. M5304761       Set       6         15       Needle Bearing (Outer) P/No. M5302761       Set       6         16       Bearing Bushing (P/No. D7351761)       Set       6         17       Cam Roller (P/No. D3807761)       Pc.       6         18       Ball Bearing (P/No. M5443761)       Pc.       6         19       Gas Kit (P/No. H0613761)       Pc.       10         20       Retaining Ring (P/No. M4001761)       Pc.       6         21       Rotter Bearing (P/No. M5439761)       Pc.       6         22       Lower End Plate (P/No. C4412761)       Pc.       2         23       "O" Ring for Reverse Valve(P/No. H0110005)       Pc.       6         24       Rotter (P/No. D1715761)       Pc.       2         25       Rotter Blade (P/No. H5010761)       Pc.       18         26       Liner (P/No. C7108761)       Pc.       2         27       Upper End Plate (P/No. C4413761)       Pc.       2         28       Returning Ring (P/No. M4107761)       Pc.       6         29       Gas Kit (P/No. H0616761)       Pc.       10	12	Thrust Flange (P/No. D6512761)	Pc.	4	
15 Needle Bearing (Outer) P/No.M5302761 Set 6 16 Bearing Bushing (P/No. D7351761) 17 Cam Roller (P/No. D3807761) 18 Ball Bearing (P/No. M5443761) Pc. 6 19 Gas Kit (P/No. H0613761) Pc. 10 20 Retaining Ring (P/No. M4001761) Pc. 6 21 Rotter Bearing (P/No. M5439761) Pc. 2 22 Lower End Plate (P/No. C4412761) Pc. 2 23 "O" Ring for Reverse Valve(P/No. H0110005) Pc. 6 24 Rotter (P/No. D1715761) Pc. 2 25 Rotter Blade (P/No. H5010761) Pc. 18 26 Liner (P/No. C7108761) Pc. 2 27 Upper End Plate (P/No. C4413761) Pc. 2 28 Returning Ring (P/No. M4107761) Pc. 6 29 Gas Kit (P/No. H0616761) Pc. 10 30 Lock Washer (P/No. Q3707000) Pc. 10 31 Screw (P/No. Q2804000) Pc. 12	13	Hammar (P/No. C8401761)	Pc.	2	
16       Bearing Bushing (P/No. D7351761)         17       Cam Roller (P/No. D3807761)         18       Ball Bearing (P/No. M5443761)       Pc. 6         19       Gas Kit (P/No. H0613761)       Pc. 10         20       Retaining Ring (P/No. M4001761)       Pc. 6         21       Rotter Bearing (P/No. M5439761)       Pc. 6         22       Lower End Plate (P/No. C4412761)       Pc. 2         23       "O" Ring for Reverse Valve(P/No. H0110005)       Pc. 6         24       Rotter (P/No. D1715761)       Pc. 2         25       Rotter Blade (P/No. H5010761)       Pc. 18         26       Liner (P/No. C7108761)       Pc. 2         27       Upper End Plate (P/No. C4413761)       Pc. 2         28       Returning Ring (P/No. M4107761)       Pc. 6         29       Gas Kit (P/No. H0616761)       Pc. 10         30       Lock Washer (P/No. Q2804000)       Pc. 10         31       Screw (P/No. Q2804000)       Pc. 10         32       O' Ring (P/No. Q0104700)       Pc. 12	14	Needle Bearing (Inner) P/No. M5304761			
17       Cam Roller (P/No. D3807761)         18       Ball Bearing (P/No. M5443761)       Pc. 6         19       Gas Kit (P/No. H0613761)       Pc. 10         20       Retaining Ring (P/No. M4001761)       Pc. 6         21       Rotter Bearing (P/No. M5439761)       Pc. 6         22       Lower End Plate (P/No. C4412761)       Pc. 2         23       "O" Ring for Reverse Valve(P/No. H0110005)       Pc. 6         24       Rotter (P/No. D1715761)       Pc. 2         25       Rotter Blade (P/No. H5010761)       Pc. 18         26       Liner (P/No. C7108761)       Pc. 2         27       Upper End Plate (P/No. C4413761)       Pc. 2         28       Returning Ring (P/No. M4107761)       Pc. 6         29       Gas Kit (P/No. H0616761)       Pc. 10         30       Lock Washer (P/No. Q3707000)       Pc. 10         31       Screw (P/No. Q2804000)       Pc. 10         32       O' Ring (P/No. Q0104700)       Pc. 12	15	Needle Bearing (Outer) P/No.M5302761	Set	6	
18       Ball Bearing (P/No. M5443761)       Pc.       6         19       Gas Kit (P/No. H0613761)       Pc.       10         20       Retaining Ring (P/No. M4001761)       Pc.       6         21       Rotter Bearing (P/No. M5439761)       Pc.       6         22       Lower End Plate (P/No. C4412761)       Pc.       2         23       "O" Ring for Reverse Valve(P/No. H0110005)       Pc.       6         24       Rotter (P/No. D1715761)       Pc.       2         25       Rotter Blade (P/No. H5010761)       Pc.       18         26       Liner (P/No. C7108761)       Pc.       2         27       Upper End Plate (P/No. C4413761)       Pc.       2         28       Returning Ring (P/No. M4107761)       Pc.       6         29       Gas Kit (P/No. H0616761)       Pc.       10         30       Lock Washer (P/No. Q3707000)       Pc.       10         31       Screw (P/No. Q2804000)       Pc.       10         32       O' Ring (P/No. Q0104700)       Pc.       12	16	Bearing Bushing (P/No. D7351761)			
19       Gas Kit (P/No. H0613761)       Pc.       10         20       Retaining Ring (P/No. M4001761)       Pc.       6         21       Rotter Bearing (P/No. M5439761)       Pc.       6         22       Lower End Plate (P/No. C4412761)       Pc.       2         23       "O" Ring for Reverse Valve(P/No. H0110005)       Pc.       6         24       Rotter (P/No. D1715761)       Pc.       2         25       Rotter Blade (P/No. H5010761)       Pc.       18         26       Liner (P/No. C7108761)       Pc.       2         27       Upper End Plate (P/No. C4413761)       Pc.       2         28       Returning Ring (P/No. M4107761)       Pc.       6         29       Gas Kit (P/No. H0616761)       Pc.       10         30       Lock Washer (P/No. Q3707000)       Pc.       10         31       Screw (P/No. Q2804000)       Pc.       10         32       O' Ring (P/No. Q0104700)       Pc.       12	17	Cam Roller (P/No. D3807761)			
20       Retaining Ring (P/No. M4001761)       Pc. 6         21       Rotter Bearing (P/No. M5439761)       Pc. 6         22       Lower End Plate (P/No. C4412761)       Pc. 2         23       "O" Ring for Reverse Valve(P/No. H0110005)       Pc. 6         24       Rotter (P/No. D1715761)       Pc. 2         25       Rotter Blade (P/No. H5010761)       Pc. 18         26       Liner (P/No. C7108761)       Pc. 2         27       Upper End Plate (P/No. C4413761)       Pc. 2         28       Returning Ring (P/No. M4107761)       Pc. 6         29       Gas Kit (P/No. H0616761)       Pc. 10         30       Lock Washer (P/No. Q3707000)       Pc. 10         31       Screw (P/No. Q2804000)       Pc. 10         32       O' Ring (P/No. Q0104700)       Pc. 12	18	Ball Bearing (P/No. M5443761)	Pc.	6	
21       Rotter Bearing (P/No. M5439761)       Pc. 6         22       Lower End Plate (P/No. C4412761)       Pc. 2         23       "O" Ring for Reverse Valve(P/No. H0110005)       Pc. 6         24       Rotter (P/No. D1715761)       Pc. 2         25       Rotter Blade (P/No. H5010761)       Pc. 18         26       Liner (P/No. C7108761)       Pc. 2         27       Upper End Plate (P/No. C4413761)       Pc. 2         28       Returning Ring (P/No. M4107761)       Pc. 6         29       Gas Kit (P/No. H0616761)       Pc. 10         30       Lock Washer (P/No. Q3707000)       Pc. 10         31       Screw (P/No. Q2804000)       Pc. 10         32       O' Ring (P/No. Q0104700)       Pc. 12	19	Gas Kit (P/No. H0613761)	Pc.	10	
22       Lower End Plate (P/No. C4412761)       Pc.       2         23       "O" Ring for Reverse Valve(P/No. H0110005)       Pc.       6         24       Rotter (P/No. D1715761)       Pc.       2         25       Rotter Blade (P/No. H5010761)       Pc.       18         26       Liner (P/No. C7108761)       Pc.       2         27       Upper End Plate (P/No. C4413761)       Pc.       2         28       Returning Ring (P/No. M4107761)       Pc.       6         29       Gas Kit (P/No. H0616761)       Pc.       10         30       Lock Washer (P/No. Q3707000)       Pc.       10         31       Screw (P/No. Q2804000)       Pc.       10         32       O' Ring (P/No. Q0104700)       Pc.       12	20	Retaining Ring (P/No. M4001761)	Pc.	6	
23       "O" Ring for Reverse Valve(P/No. H0110005)       Pc.       6         24       Rotter (P/No. D1715761)       Pc.       2         25       Rotter Blade (P/No. H5010761)       Pc.       18         26       Liner (P/No. C7108761)       Pc.       2         27       Upper End Plate (P/No. C4413761)       Pc.       2         28       Returning Ring (P/No. M4107761)       Pc.       6         29       Gas Kit (P/No. H0616761)       Pc.       10         30       Lock Washer (P/No. Q3707000)       Pc.       10         31       Screw (P/No. Q2804000)       Pc.       10         32       O' Ring (P/No. Q0104700)       Pc.       12	21	Rotter Bearing (P/No. M5439761)	Pc.	6	
24       Rotter (P/No. D1715761)       Pc.       2         25       Rotter Blade (P/No. H5010761)       Pc.       18         26       Liner (P/No. C7108761)       Pc.       2         27       Upper End Plate (P/No. C4413761)       Pc.       2         28       Returning Ring (P/No. M4107761)       Pc.       6         29       Gas Kit (P/No. H0616761)       Pc.       10         30       Lock Washer (P/No. Q3707000)       Pc.       10         31       Screw (P/No. Q2804000)       Pc.       10         32       O' Ring (P/No. Q0104700)       Pc.       12	22	Lower End Plate (P/No. C4412761)	Pc.	2	
25       Rotter Blade (P/No. H5010761)       Pc.       18         26       Liner (P/No. C7108761)       Pc.       2         27       Upper End Plate (P/No. C4413761)       Pc.       2         28       Returning Ring (P/No. M4107761)       Pc.       6         29       Gas Kit (P/No. H0616761)       Pc.       10         30       Lock Washer (P/No. Q3707000)       Pc.       10         31       Screw (P/No. Q2804000)       Pc.       10         32       O' Ring (P/No. Q0104700)       Pc.       12	23	"O" Ring for Reverse Valve(P/No. H0110005)	Pc.	6	
26       Liner (P/No. C7108761)       Pc.       2         27       Upper End Plate (P/No. C4413761)       Pc.       2         28       Returning Ring (P/No. M4107761)       Pc.       6         29       Gas Kit (P/No. H0616761)       Pc.       10         30       Lock Washer (P/No. Q3707000)       Pc.       10         31       Screw (P/No. Q2804000)       Pc.       10         32       O' Ring (P/No. Q0104700)       Pc.       12	24	Rotter (P/No. D1715761)	Pc.	2	
27       Upper End Plate (P/No. C4413761)       Pc.       2         28       Returning Ring (P/No. M4107761)       Pc.       6         29       Gas Kit (P/No. H0616761)       Pc.       10         30       Lock Washer (P/No. Q3707000)       Pc.       10         31       Screw (P/No. Q2804000)       Pc.       10         32       O' Ring (P/No. Q0104700)       Pc.       12	25	Rotter Blade (P/No. H5010761)	Pc.	18	
28       Returning Ring (P/No. M4107761)       Pc. 6         29       Gas Kit (P/No. H0616761)       Pc. 10         30       Lock Washer (P/No. Q3707000)       Pc. 10         31       Screw (P/No. Q2804000)       Pc. 10         32       O' Ring (P/No. Q0104700)       Pc. 12	26	Liner (P/No. C7108761)	Pc.	2	
29       Gas Kit (P/No. H0616761)       Pc.       10         30       Lock Washer (P/No. Q3707000)       Pc.       10         31       Screw (P/No. Q2804000)       Pc.       10         32       O' Ring (P/No. Q0104700)       Pc.       12	27	Upper End Plate (P/No. C4413761)	Pc.	2	
30 Lock Washer (P/No. Q3707000) Pc. 10 31 Screw (P/No. Q2804000) Pc. 10 32 O' Ring (P/No. Q0104700) Pc. 12	28	Returning Ring (P/No. M4107761)	Pc.	6	
31 Screw (P/No. Q2804000) Pc. 10 32 O' Ring (P/No. Q0104700) Pc. 12	29	Gas Kit (P/No. H0616761)	Pc.	10	
32 O' Ring (P/No. Q0104700) Pc. 12	30	Lock Washer (P/No. Q3707000)	Pc.	10	
, , , , , , , , , , , , , , , , , , ,	31	Screw (P/No. Q2804000)	Pc.	10	
33 Throttle Valve (P/No. D1211761) Pc. 6	32	O' Ring (P/No. Q0104700)	Pc.	12	
	33	Throttle Valve (P/No. D1211761)	Pc.	6	

34	O' Ring Retainer (P/No. H5605761)	Pc.	6	
35	Throttle Spring (P/No. H3524761)	Pc.	12	

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