



TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA

## RFQ/NIT HEADER DETAIL

ORGANIZATION NAME TRICHY, BHEL RFQ FLOATED UNDER THE PURCHASE POLICY  
RFQ/NIT REFERENCE 1901700225 POLICY  
CODE/ENQUIRY NO RFQ OWNER/NIT MR RAJA PRAKASH K(ENGR/PUR)  
RFQ/NIT TYPE OPEN TENDER OFFICER/ENQUIRY OWNER  
NUMBER OF ITEMS ALREADY 8  
ATTACHED  
CURRENCY ANY  
DESCRIPTION SUPPLY OF FASTENERS  
DETAILED DESCRIPTION SUPPLY OF FASTENERS AS PER SPECIFICATION MENTIONED AGAINST EACH ITEM.  
NUMBER OF BID PART(S) 2 PUBLISHED DATE 28 Sep , 2017 10:52:33 AM

## ATTRIBUTE(S)

| ATTRIBUTE NAME        | ATTRIBUTE VALUE                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| Delivery at           | BHEL TRICHY                                                                          |
| Inspection By         | ENGINEER IN CHARGE, BHEL TRICHY                                                      |
| Validity of the Offer | PRICE SHOULD BE FIXED AND VALID FOR 3 MONTHS FROM THE DATE OF TECHNICAL BID OPENING. |
| Inspection            | BY BHEL TRICHY                                                                       |
| Pre-Bid meeting date  | --                                                                                   |

## DATE-TIME DETAIL(S)

BID START DATE 28 Sep , 2017 2:00:00 PM BID DUE DATE 20 Oct , 2017 2:00:00 PM  
BID OPEN DATE 20 Oct , 2017 2:30:00 PM  
(SCHEDULED)

## PRE-BID DISCUSSION DETAILS

PRE-BID DISCUSSION TYPE NOT REQUIRED

## ALTERNATE BID DECRYPTOR(S)

| USER DETAILS                   |
|--------------------------------|
| MR Admin SANJEEVI B(SDGM/PUR)  |
| MR ABRAHAM VICTOR P G(DGM/PUR) |
| MR KILLIVALAVAN R(SR.ENGR/PUR) |
| MR NARAYANAN R(SDGM/PUR)       |
| MR RAJA PRAKASH K(ENGR/PUR)    |

## SELLER DETAIL(S)

| CODE   | ORGANIZATION NAME      |
|--------|------------------------|
| 023505 | TEST (Mr test ot test) |

## TERM AND CONDITION DETAIL(S) - SPECIAL TERM(S)

| SL. NO. | CATEGORY | DESCRIPTION |
|---------|----------|-------------|
|---------|----------|-------------|





TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA

|   |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | SPECIAL TERM(S) | SPECIAL TERM(S)<br><br><b><u>SPECIAL CONDITIONS:</u></b><br><br>1. THE ENQUIRY IS A TWO PART E PROCUREMENT ENQUIRY. OFFER FROM ANY OTHER MODE WILL NOT BE ACCEPTED.<br>2. QUANTITY TOLERANCE OF +0/-3% IS INCLUDED IN THIS ENQUIRY.<br>3. DELEVERY TERMS PROPOSED IS "50% OF QUANTITY WITHIN 6 WEEKS FROM THE DATE OF PURCHASE ORDER AND BALANCE 50% WITHIN 8 WEEKS FROM THE DATE OF PURCHASE ORDER IF QUANTITY IS MORE THAN 1000NOS. DELIVERY IS 6 WEEKS FROM THE DATE OF PO IF THE QUANTITY IS LESS THAN 1000 NOS.<br>4. SUPPLIERS SHOULD ATTACH THE DULY FILLED & SIGNED SCANNED COPY OF ANNEXURE B_FASTENERS.<br>5. IF A SUPPLIER BELONGS TO MSE CATEGORY, THEY SHOULD ATTACH SCANNED COPY OF VALID EM-II CERTIFICATE OR VALID NSIC CERTIFICATE ALONG WITH LATEST CA CERTIFICATE APPLICABLE FOR RELEVANT FINANCIAL YEAR (LATEST).<br>6. NEW SUPPLIERS (NOT REGISTERED IN BHEL) SHOULD ATTACHED THE SCANNED COPY OF ANNEXURE-N.<br><br><b><u>ATTACHMENT:</u></b><br><br>1. ANNEXURE A EPS OPEN<br>2. ANNEXURE B_FASTENERS<br>3. ANNEXURE I - MSE FORMAT<br>4. ANNEXURE N_FASTENERS<br>5. BPS41304<br>6. DRAWING FOR SLOTTED PAN HEAD TAPPING SCREW |
|---|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## RFQ SPECIFIC REQUIRED ATTACHMENT(S)

## PREQUALIFICATION

| SL. NO. | SUPPORTING DOCUMENT NAME | MANDATORY | ALLOW EXEMPTION | GROUP |
|---------|--------------------------|-----------|-----------------|-------|
| 1       | ANNEXURE B               | YES       | NO              | OTHER |
| 2       | MSE DOCUMENTS            | NO        | NO              | OTHER |

## RFQ/NIT ITEM DETAILS

| SL. NO. | CODE | DESCRIPTION | QUANTITY | RFQ/NIT U.O.M | OFFER U.O.M |
|---------|------|-------------|----------|---------------|-------------|
|---------|------|-------------|----------|---------------|-------------|





TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA

|                       |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
|-----------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|-----------------|----------------|--------------------|-----------------|-----------|--------------------|--------|-----------------------|-----|-------------------|------------|--------------------|-----|---------------------|-------------|--------------------|--------|--|--|
| 10                    | 000000410010401300  | SS SLOTTED PAN HEAD TAP SCREW ST 4.2X13C AS PER DRAWING NO4-28-700-00641<br>REV 00INSPECTION AT BHEL TRICHYSS<br>SLOTTED PAN HEAD TAP SCREW ST 4.2X13C                                                                                                                                                                                                                                                                                                                                                        | 855,000.00 | NUMBER         | NUMBER          |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
|                       | ATTRIBUTE DETAILS   | <table><tr><td>ATTRIBUTE NAME</td><td>ATTRIBUTE VALUE</td></tr><tr><td>MATERIAL CODE:</td><td>000000410010401300</td></tr><tr><td>MATERIAL GROUP:</td><td>ZINACTIVE</td></tr><tr><td>KILOGRAM PER UNIT:</td><td>0.0010</td></tr><tr><td>Cenvatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Location</td><td>TAMIL NADU</td></tr><tr><td>Vatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Date (i) :</td><td>30-OCT-2017</td></tr><tr><td>Delivery Qty (i) :</td><td>855000</td></tr></table> |            | ATTRIBUTE NAME | ATTRIBUTE VALUE | MATERIAL CODE: | 000000410010401300 | MATERIAL GROUP: | ZINACTIVE | KILOGRAM PER UNIT: | 0.0010 | Cenvatable (Yes / No) | Yes | Delivery Location | TAMIL NADU | Vatable (Yes / No) | Yes | Delivery Date (i) : | 30-OCT-2017 | Delivery Qty (i) : | 855000 |  |  |
| ATTRIBUTE NAME        | ATTRIBUTE VALUE     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| MATERIAL CODE:        | 000000410010401300  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| MATERIAL GROUP:       | ZINACTIVE           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| KILOGRAM PER UNIT:    | 0.0010              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Cenvatable (Yes / No) | Yes                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Delivery Location     | TAMIL NADU          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Vatable (Yes / No)    | Yes                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Delivery Date (i) :   | 30-OCT-2017         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Delivery Qty (i) :    | 855000              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| 20                    | 000000410010401900  | SS SLOTTED PAN HEAD TAP SCREW ST 4.2X19C AS PER DRAWING NO4-28-700-00641<br>REV 00INSPECTION AT BHEL<br>TRICHYPREQUALIFICATION CRITERIA:-1).<br>The vendors should enclose a purchase order copy against their experience during the past three years starting from 1 jan 2014 in the supply of SS SCREWS to various industries.2). Offers from Manufacturers will only be accepted.Offers from Traders or agents will summarily be rejected.SS SLOTTED PAN HEAD TAP SCREW ST 4.2X19C                         | 140,000.00 | NUMBER         | NUMBER          |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
|                       | ATTRIBUTE DETAILS   | <table><tr><td>ATTRIBUTE NAME</td><td>ATTRIBUTE VALUE</td></tr><tr><td>MATERIAL CODE:</td><td>000000410010401900</td></tr><tr><td>MATERIAL GROUP:</td><td>ZINACTIVE</td></tr><tr><td>KILOGRAM PER UNIT:</td><td>0.0020</td></tr><tr><td>Cenvatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Location</td><td>TAMIL NADU</td></tr><tr><td>Vatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Date (i) :</td><td>30-OCT-2017</td></tr><tr><td>Delivery Qty (i) :</td><td>140000</td></tr></table> |            | ATTRIBUTE NAME | ATTRIBUTE VALUE | MATERIAL CODE: | 000000410010401900 | MATERIAL GROUP: | ZINACTIVE | KILOGRAM PER UNIT: | 0.0020 | Cenvatable (Yes / No) | Yes | Delivery Location | TAMIL NADU | Vatable (Yes / No) | Yes | Delivery Date (i) : | 30-OCT-2017 | Delivery Qty (i) : | 140000 |  |  |
| ATTRIBUTE NAME        | ATTRIBUTE VALUE     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| MATERIAL CODE:        | 000000410010401900  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| MATERIAL GROUP:       | ZINACTIVE           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| KILOGRAM PER UNIT:    | 0.0020              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Cenvatable (Yes / No) | Yes                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Delivery Location     | TAMIL NADU          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Vatable (Yes / No)    | Yes                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Delivery Date (i) :   | 30-OCT-2017         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Delivery Qty (i) :    | 140000              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| 30                    | 000000412212007000  | HEX HD BOLT-M20x70 -4.6-<br>IS:1363(P1)/LATEST INSPECTION AT BHEL<br>TRICHYHEX HD BOLT M20X70 - 4.6<br>IS:1363(P-1).BOLT-M20x70 -4.6-IS1363P1                                                                                                                                                                                                                                                                                                                                                                 | 10,000.00  | NUMBER         | NUMBER          |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
|                       | ATTRIBUTE DETAILS   | <table><tr><td>ATTRIBUTE NAME</td><td>ATTRIBUTE VALUE</td></tr><tr><td>MATERIAL CODE:</td><td>000000412212007000</td></tr><tr><td>MATERIAL GROUP:</td><td>PFBGB</td></tr><tr><td>KILOGRAM PER UNIT:</td><td>0.233</td></tr><tr><td>Cenvatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Location</td><td>TAMIL NADU</td></tr><tr><td>Vatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Date (i) :</td><td>30-OCT-2017</td></tr><tr><td>Delivery Qty (i) :</td><td>10000</td></tr></table>       |            | ATTRIBUTE NAME | ATTRIBUTE VALUE | MATERIAL CODE: | 000000412212007000 | MATERIAL GROUP: | PFBGB     | KILOGRAM PER UNIT: | 0.233  | Cenvatable (Yes / No) | Yes | Delivery Location | TAMIL NADU | Vatable (Yes / No) | Yes | Delivery Date (i) : | 30-OCT-2017 | Delivery Qty (i) : | 10000  |  |  |
| ATTRIBUTE NAME        | ATTRIBUTE VALUE     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| MATERIAL CODE:        | 000000412212007000  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| MATERIAL GROUP:       | PFBGB               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| KILOGRAM PER UNIT:    | 0.233               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Cenvatable (Yes / No) | Yes                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Delivery Location     | TAMIL NADU          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Vatable (Yes / No)    | Yes                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Delivery Date (i) :   | 30-OCT-2017         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Delivery Qty (i) :    | 10000               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| 40                    | 000000412212009000  | HEX BOLT-M20x90 -4.6-<br>IS:1363(P1)/LATEST INSPECTION AT BHEL<br>TRICHYHEX HD BOLT M20X90-4.6 IS:1363(P-1)BOLT-M20x90 -4.6-IS1363P1 BPS 41221                                                                                                                                                                                                                                                                                                                                                                | 500.00     | NUMBER         | NUMBER          |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
|                       | ATTRIBUTE DETAILS   | <table><tr><td>ATTRIBUTE NAME</td><td>ATTRIBUTE VALUE</td></tr><tr><td>MATERIAL CODE:</td><td>000000412212009000</td></tr><tr><td>MATERIAL GROUP:</td><td>80FST</td></tr><tr><td>KILOGRAM PER UNIT:</td><td>0.279</td></tr><tr><td>Cenvatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Location</td><td>TAMIL NADU</td></tr><tr><td>Vatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Date (i) :</td><td>30-OCT-2017</td></tr><tr><td>Delivery Qty (i) :</td><td>500</td></tr></table>         |            | ATTRIBUTE NAME | ATTRIBUTE VALUE | MATERIAL CODE: | 000000412212009000 | MATERIAL GROUP: | 80FST     | KILOGRAM PER UNIT: | 0.279  | Cenvatable (Yes / No) | Yes | Delivery Location | TAMIL NADU | Vatable (Yes / No) | Yes | Delivery Date (i) : | 30-OCT-2017 | Delivery Qty (i) : | 500    |  |  |
| ATTRIBUTE NAME        | ATTRIBUTE VALUE     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| MATERIAL CODE:        | 000000412212009000  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| MATERIAL GROUP:       | 80FST               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| KILOGRAM PER UNIT:    | 0.279               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Cenvatable (Yes / No) | Yes                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Delivery Location     | TAMIL NADU          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Vatable (Yes / No)    | Yes                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Delivery Date (i) :   | 30-OCT-2017         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| Delivery Qty (i) :    | 500                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                |                 |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |
| 50                    | 0000004122121206000 | HEX HD SCR U M12X60-4.6 IS:1363(P-2)/LATEST INSPECTION AT BHEL TRICHYHEX HD SCR U M12X60-4.6 IS:1363(P-2)                                                                                                                                                                                                                                                                                                                                                                                                     | 3,500.00   | NUMBER         | NUMBER          |                |                    |                 |           |                    |        |                       |     |                   |            |                    |     |                     |             |                    |        |  |  |





TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA

|    | ATTRIBUTE DETAILS  | ATTRIBUTE NAME                                                                                                                              |  | ATTRIBUTE VALUE    |        |
|----|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--------|
|    |                    | MATERIAL CODE:                                                                                                                              |  | 000000412221206000 |        |
|    |                    | MATERIAL GROUP:                                                                                                                             |  | PFBGB              |        |
|    |                    | KILOGRAM PER UNIT:                                                                                                                          |  | 0.068              |        |
|    |                    | Cenvatable (Yes / No)                                                                                                                       |  | Yes                |        |
|    |                    | Delivery Location                                                                                                                           |  | TAMIL NADU         |        |
|    |                    | Vatable (Yes / No)                                                                                                                          |  | Yes                |        |
|    |                    | Delivery Date (i) :                                                                                                                         |  | 30-OCT-2017        |        |
|    |                    | Delivery Qty (i) :                                                                                                                          |  | 3500               |        |
| 60 | 000000412221605500 | HEX HD SCRU M16X55-4.6 IS:1363(P-2)/LATHEX HD SCRU-M16x55 -4.6-IS1363P2                                                                     |  | 60,000.00          | NUMBER |
|    |                    | ATTRIBUTE NAME                                                                                                                              |  | ATTRIBUTE VALUE    |        |
|    |                    | MATERIAL CODE:                                                                                                                              |  | 000000412221605500 |        |
|    |                    | MATERIAL GROUP:                                                                                                                             |  | PFBGB              |        |
|    |                    | KILOGRAM PER UNIT:                                                                                                                          |  | 0.115              |        |
|    |                    | Cenvatable (Yes / No)                                                                                                                       |  | Yes                |        |
|    |                    | Delivery Location                                                                                                                           |  | TAMIL NADU         |        |
|    |                    | Vatable (Yes / No)                                                                                                                          |  | Yes                |        |
|    |                    | Delivery Date (i) :                                                                                                                         |  | 30-OCT-2017        |        |
|    |                    | Delivery Qty (i) :                                                                                                                          |  | 30000              |        |
|    |                    | Delivery Date (ii) :                                                                                                                        |  | 31-OCT-2017        |        |
|    |                    | Delivery Qty (ii) :                                                                                                                         |  | 30000              |        |
| 70 | 000000413043003600 | HEX NUT M36X3 CL-4 IS:1363(P-3)/LATESTINSPECTION AT BHEL TRICHYHEX NUT M36X3-4 IS:1363(P-3) BPS 41304HEX NUT M36X3-4 IS:1363(P-3) BPS 41304 |  | 500.00             | NUMBER |
|    |                    | ATTRIBUTE NAME                                                                                                                              |  | ATTRIBUTE VALUE    |        |
|    |                    | MATERIAL CODE:                                                                                                                              |  | 000000413043003600 |        |
|    |                    | MATERIAL GROUP:                                                                                                                             |  | PFBGB              |        |
|    |                    | KILOGRAM PER UNIT:                                                                                                                          |  | 0.396              |        |
|    |                    | Cenvatable (Yes / No)                                                                                                                       |  | Yes                |        |
|    |                    | Delivery Location                                                                                                                           |  | TAMIL NADU         |        |
|    |                    | Vatable (Yes / No)                                                                                                                          |  | Yes                |        |
|    |                    | Delivery Date (i) :                                                                                                                         |  | 30-OCT-2017        |        |
|    |                    | Delivery Qty (i) :                                                                                                                          |  | 500                |        |
| 80 | 000000413043024500 | HEX NUT M45X3-14H (LH) BPS 41304 REV 02INSPECTION AT BHEL TRICHYHEX NUT M45X3-14H (LH) IS:3138                                              |  | 400.00             | NUMBER |
|    |                    | ATTRIBUTE NAME                                                                                                                              |  | ATTRIBUTE VALUE    |        |
|    |                    | MATERIAL CODE:                                                                                                                              |  | 000000413043024500 |        |
|    |                    | MATERIAL GROUP:                                                                                                                             |  | PFBGB              |        |
|    |                    | KILOGRAM PER UNIT:                                                                                                                          |  | 0.745              |        |
|    |                    | Cenvatable (Yes / No)                                                                                                                       |  | Yes                |        |
|    |                    | Delivery Location                                                                                                                           |  | TAMIL NADU         |        |
|    |                    | Vatable (Yes / No)                                                                                                                          |  | Yes                |        |
|    |                    | Delivery Date (i) :                                                                                                                         |  | 30-OCT-2017        |        |
|    |                    | Delivery Qty (i) :                                                                                                                          |  | 400                |        |

## IMPORTANT NOTICE

PLEASE READ THE FOLLOWING ATTACHMENT(S) [SEPARATELY DOWNLOADABLE] ALONG WITH THIS RFQ/NIT/ENQUIRY .

## RFQ/NIT/ENQUIRY - ATTACHMENTS

| LABEL                              | FILE NAME                              |
|------------------------------------|----------------------------------------|
| ANNEXURE A                         | ANNEXURE A.pdf                         |
| ANNEXURE B                         | ANNEXURE B.pdf                         |
| ANNEXURE N                         | ANNEXURE N.pdf                         |
| ANNEXURE I - MSE FORMAT            | ANNEXURE I - MSE FORMAT.pdf            |
| Prequalification criteria          | Prequalification criteria .pdf         |
| BPS41304                           | BPS41304.pdf                           |
| Drawing for slotted pan head screw | Drawing for slotted pan head screw.PDF |



## **Annexure A**

### **QUOTATIONS:**

1.
  - a. Interested bidders / Suppliers shall submit their offer through e-Procurement mode at <https://bheleps.buyjunction.in>. **Offers in any other mode will not be accepted.**

For Enterprise Procurement System (EPS) Bidders/Suppliers are requested to follow these steps.

### **REQUIREMENTS**

1. A PC with Internet connectivity.
2. DSC (Digital Signature Certificate)( Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION)
3. The site is best viewed in Internet Explorer 9.0. If you are using Internet Explorer 10 or above then enable compatibility view available under Tools menu
4. Install Java 1.8 Update 67/72/79 (Both 32 & 64 Bit)

### **MANDATORY REQUIREMENT:**

Suppliers interested for registration for BHEL Open Tenders should have a valid DSC (Digital Signature Certificate) before Proceeding forward for Registration. Herein a Valid DSC refers to an Active and unexpired Signing and Encryption Certificate, with specification Class III SHA 2 2048 bit.

### **UNREGISTERED SUPPLIER IN EPS:**

Procedure for Online Registration in EPS for Open Tender Suppliers for BHEL

**Please follow the below steps for registration**

1. Click Register Button (Top of the Screen)
2. Please input your organization PAN No (in case of Indian supplier) or click "Foreign" in case you are an overseas Supplier.
3. Click on INTERESTED Button against the respective BHEL Unit
4. Key in your desired login id (Login Code should be 8 - 24 characters in length and can only use numeric values) If you have registered by keying in PAN No. then your desired login id will be prefixed by "OTI", In case of overseas suppliers it will be prefixed with "OTF"
5. Fill in the other details.
6. Fill in the Captcha code and click next
7. Register your Signing certificate and click next
8. Select atleast one procurement category you may be dealing in.

Once the above steps are completed, your profile will be activated by mjunction within 2 business hours. After registering follow the steps provided in "For Registered Supplier" to view RFQ.

In case of any assistance, please call the following nos for support:

**033-6601 1717 (From 9:30am to 5:30pm)**

NB:-

1 -- BHEL Administrator or user will have no role for approving Registration and Open Tenders and DSC for Any supplier who has registered himself from the front END which is in case of OT.

### **FOR REGISTERED SUPPLIER IN EPS:**

- a. Supplier visits EPS home page
- b. Supplier signs in with their user id and password
- c. Selects the RFQ Code and views it.
- d. Attaches themselves to the RFQ by clicking the interested button
- e. Supplier fills the bid template and makes necessary attachments
- f. Supplier submits their bid by clicking CONFIRM.

In case of any assistance, please call the following Nos for support:

**033-6601 1717 (From 9:30am to 5:30pm)**

- b. Bidders are requested to quote their offer price on F.O.R Destination (BHEL/Stores) basis only (The basic price of the material quoted in the bid should be inclusive of Packing, Forwarding, freight and transit insurance, etc.,). Ex-works offers will be summarily rejected without further clarification.
- c. No charges shall be indicated as "Lumpsum" or "Approximate" in absolute value. All charges like taxes and duties should be clearly specified as "percentage" of the quoted rates.

d. If any sales tax is payable as extra to the quoted price should be specifically stated in quotations along with CST & TIN no failing which the purchaser will not be liable for payment of sales tax. Our TIN No. 33243560005 Dated. 01.01.2007.

e. Manufacturer's name, trademark or patent no. if any should be specified. Illustrative leaflets giving technical particulars are required along with quotation wherever necessary.

f. Products with I.S.I. certification marks will be preferred.

g. The Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept in Part or full without assigning any reason whatsoever.

h. The bidder has to keep track of any changes by viewing the addendum / Corrigendum's issued by the Purchaser on time-to- time basis in the E-Procurement platform. The Company calling for tenders shall not be responsible for any claims/problems arising out of this.

i. The user should complete all the processes and steps required for bid submission. The successful bid submission can be ascertained once acknowledgement is given by the system through bid submission number after completing all the processes and steps. BHEL and mjunction Services Ltd. will not be responsible for incomplete bid submission by users. Users may also note that the incomplete bids will not be saved by the system and are not available for the Purchaser for processing.

j. Before uploading scanned documents if any, the bidders shall sign on all the statements, documents, certificates uploaded by him, owning responsibility for their correctness / authenticity.

2. Offers should have a validity of minimum 90 days from the date of price bid opening. The quoted/Finalized rates shall be Firm till completion of the supplies including amendment / deviation / extension if any in quantity / date.

3. On the due date of tender opening, only technical bids will be opened. The opened technical bids will be evaluated by us and clarifications required, if any, will be called for from the bidders on technical and commercial points. If no reply is received from the vendor for the clarification raised by BHEL with in the final cut-off date those vendors offer will be processed with the documents available / submitted against this tender. Offers not meeting the required specification and technical condition will be summarily rejected. The price bids of technically suitable bidders will be opened on a later date with prior intimation to techno-commercially suitable bidders. If any difference is found in the terms in the Techno-commercial bid and price bid, the terms mentioned in the Techno-Commercial Bid will be considered.

4. Ranking L-1, L-2 etc. shall be done for individual items for the techno-commercially acceptable offers on landed cost to BHEL, Trichy basis and BHEL reserves the right to place order for individual items with different vendors. In the event of more than one vendor becoming L1 for the item, the enquiry quantity will be shared equally among all the L1 vendors. For such item / items splitting will be done among L1 vendors alone and not as mentioned in the point no 10 below.

5. BHEL reserves the right to negotiate with L1 vendor or re-float the tender for items where, L1 price is not the lowest acceptable price; BHEL reserves the right to increase or decrease the tender quantity.

6. **TERMS OF PAYMENT:** Payment will be made after 45 days from the date of receipt and acceptance of materials at BHEL Trichy. Offers quoting for Advance payment / LC / thro bank payment will be rejected. Any deviation in the payment terms below 45 days shall attract loading as below.

**Base rate of SBI (as applicable on the date of bid opening; Techno-commercial bid opening in case of two part bids) +6%' will be considered for the loading for the period of relaxation sought by the bidder.**

7. LD clause & Risk purchase clause are applicable.

**Staggered delivery schedule**

In case of staggered delivery schedule, if the Supplier fails to deliver the quantity of any line item of the P.O within the period specified in that line item, Purchaser shall deduct Liquidated Damages, 0.5% of the undelivered portion per week delay or part thereof subject to maximum of 10% of the total order value

Under GST regime, BHEL has to discharge GST liability on LD recovered from suppliers/contractors. Hence applicable GST shall also be recoverable from suppliers/contractors on LD amount. For this Debit note will be issued by BHEL indicating the respective supply invoice number.

**Liquidated Damages (LD):** (Any deviations shall attract loading to the extent of relaxation sought to which it is not agreed by the bidder at offered value).

**RISK PURCHASE:** Alternatively the purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitutes therefor. The supplier shall be liable for any loss, which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in LD clause above.

**8. GST:** Response to Tenders for Indigenous supplier will be entertained only if the vendor has a valid GST registration no which should clearly mentioned in the offer. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer.

- Supplier shall mention their GSTN registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.
- All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).
- A declaration to the effect that all invoice particulars are/were uploaded in the GSTN network/ portal & all tax liability as per GST rules and regulations have been and will be discharged, shall be mentioned in the invoice. If not mentioned in the invoice, a separate declaration shall be submitted as per the requirement of BHEL.
- All documents like Mill Test Certificate, LR copy, Guarantee/Warranty certificate, work completion certificate, any other document mentioned in PO, shall be sent along with the vehicle/consignment. For all consignments received within the calendar month, input credit will be availed within that month in line with monthly returns filing cycle. In case of any discrepancy in the document or non-submission of documents mentioned in the PO, then BHEL will not be able to accept or account the material, in such case availing of tax credit will be deferred to next month or so.
- In case of discrepancy in the data uploaded by supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note (details to be uploaded in GSTN portal) for the shortages or rejections in the suppliers, within the calendar month notified by BHEL.
- For any such delay in availing of tax credit for reasons attributable to supplier (as mentioned above), interest (calculated @ SBI Base Rate + 6%) alongwith penalty if any will be deducted for the delayed period i.e. from the month of receipt till the month tax credit is availed, from the running bills.

**9. PACKING AND MARKING:** The supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit. Test certificate and Guarantee certificate is required along with supply.

**10. SPECIAL PROVISIONS FOR MICRO AND SMALL ENTERPRISES (MSE) BIDDERS:**

- i. 20% of the tendered quantity is earmarked for MSE suppliers in this tender. (Applicable only for items whose Quantity is more than 1,00,000 Nos)
- ii. Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC / ST entrepreneurs. In event of failure of such Micro and Small enterprises to participate in the tender process or meet the tender requirements and the L1 price, the 4% sub-target for procurement ear-marked MSE owned by SC / ST entrepreneurs shall be met with other MSE enterprise/s.
- iii. In case MSE vendor participating in the tender quotes within the price band of L1 + 15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately.

- iv. MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue in acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed as per **Annexure I** where deemed validity of EM II certificate of five years have expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bids at par with other bidders. No benefits shall be applicable for the enquiry if any deficiency in the above required documents is not submitted before the price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer. This provision for MSE will apply subject to the condition that the participating MSE meets the tender requirements.
- v. In case of any change in the MSE status of the bidder, it shall be the responsibility of the bidder to notify the change as a part of the bid document. If at a later date it comes to the knowledge of BHEL, that the change in the status has not been intimated by the bidder and the order is obtained under the premise of an MSE then BHEL would cancel the pending order against this tender and take necessary steps for suspension of the business dealing with the bidder as per the procurement policy of BHEL.
- vi. In case after the bid opening it is seen that no MSE has become L1, then depending on the nature of the item, if it is not possible to split the tendered items / quantities on account of reasons like customer contract requirements of supplying one make for a given project or technical reasons like tendered items being a system, tendered quantity being low etc., then BHEL would not counter offer the L1 prices even though there may be MSE bidders within the +15% band of L1.

#### 10.1 Sharing of Quantity:

- a. The Enquired quantity will be split as below between L1 & bidders as mentioned in the ratio below.
- b. 50% of the quantity shall be allotted to L1 Bidder (irrespective of MSE or NON MSE Category).
- c. The L1 rate will be counter offered to Other Bidders in the order of Commercial Ranking excepting H1 Bidder. The balance Quantity will be Frozen with other two Bidders whoever accepts to match L1 FOR Rate.
- d. In case the number of pieces is not divisible to whole number among bidders who accepted counter offer, the numbers will be rounded off to next higher whole number and will be offered to bidders in the order of commercial ranking without exceeding the counter offered quantity.
- e. In case of counter offering rate is not accepted by the any of the counter offered Bidder, such counter offer quantity also will be ordered on L1 vendor.
- f. In the event of more than one vendor becoming L1 for the item, the enquiry quantity will be shared equally among all the L1 vendors.

**12.** For the enquired items, where the quantity is less than 1,00,000 Nos will not be split as mentioned in the Sl. No 10. Such items will be ordered on L1 vendor alone.

**13.** Conditional offers are likely to be rejected.

**14.** Disclaimer Clause: Neither the Organization (Bharat Heavy Electricals Ltd.) nor the service provider (mjunction Services Ltd.) is responsible for any failure of submission of bids due to failure of internet or other connectivity problems or reasons thereof.

**15.** Bidders participating in the tender should declare in their technical bid whether they have been black-listed / kept on hold / given Business holiday for a specified period by any Public Sector Undertaking or Government Departments. The reasons for such action with details and the current status of such hold shall be clearly furnished to BHEL. If no such details are mentioned in the offer, it will be construed that the bidder is not under any such hold. However, at a later date if it comes to the notice of BHEL about any such hold under enforcement, BHEL reserves the right to reject the offer at any point of time and also under any stage of the finalization of the tender. Such bidders will not be permitted to participate in the further tender proceedings and will be communicated suitably.

- 16.** BHEL reserves the right to negotiate or re-float the enquiry opened if L1 price is not the lowest acceptable price to them inter-alia other reasons.
- 17.** The correspondence between the bidder and BHEL through email is considered as valid document legally though it is not signed. It is treated as valid confirmations made on behalf of the respective company and comes under the legal ambit of the business transaction and hence binding on both the parties.
- 18.** In case of any quality rejection of materials, the supplier has to collect the materials at his own cost within the 10 days of rejection of advice. Otherwise the materials will be scrapped.
- 19.** Unloading at BHEL has to be done by the suppliers and BHEL will not be in a position to provide any handling / unloading facilities.
- 20.** Bidders not confirming to the enquiry specifications will be disqualified.

**TECHNO COMMERCIAL BID**  
**TO BE SUBMITTED ALONG WITH PART – I (TECHNO COMMERCIAL BID)**

**ANNEXURE –B**

| S. NO | DESCRIPTION                                                                | BHEL REQUIREMENTS                                                                                                                                                                                                                                      | SUPPLIER CONFIRMATION / DEVIATION<br>(STRIKEOUT WHICHEVER IS NOT APPLICABLE) |
|-------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| 1     | VALIDITY                                                                   | 90 DAYS FROM DATE OF TECHNICAL BID OPENING                                                                                                                                                                                                             | NON DEVIATABLE                                                               |
| 2     | PRICE QUOTED                                                               | FOR-DESTINATION BHEL STORES / TRICHY                                                                                                                                                                                                                   | NON DEVIATABLE                                                               |
| 3     | LD CLAUSE                                                                  | (For details please read S.No:07 of "Annexure – A")                                                                                                                                                                                                    | NON DEVIATABLE                                                               |
| 4     | RISK PURCHASE CLAUSE                                                       | (For details please read S.No:07 of "Annexure – A")                                                                                                                                                                                                    | NON DEVIATABLE                                                               |
| 5     | ACCEPTANCE FOR SUPPLYING MATERIALS AS PER STANDARD INDICATED FOR EACH ITEM |                                                                                                                                                                                                                                                        | CONFIRM / NOT CONFIRM                                                        |
| 6     | DEIVERY SCHEDULE *                                                         | <p>If quantity is more than 1000 Nos, 50% of quantity within 6 weeks from the date of PO and balance 50% quantity within 8 weeks from the date of PO.</p> <p>If quantity is less than 1000 Nos, Full quantity within 6 weeks from the date of PO..</p> | CONFIRM / NOT CONFIRM                                                        |
| 07    | CONTACT PERSON DETAILS                                                     | NAME:<br>MOBILE NO:<br>EMAIL :                                                                                                                                                                                                                         |                                                                              |

\* The Fasteners are urgently required. Hence, the Bidders are requested to advance the delivery schedule.

SIGN AND SEAL OF AUTHORIZED PERSON

**ANNEXURE - N (For NEW VENDORS only)**

| Sl No | Details                                                                                                                                                                                                                                                                                                                                             | Document submission |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1     | Nature of ownership & relevant documents.<br>(Proprietorship-Professional Tax Regn & Municipal Regn; Partnership firm – Partnership Deed; Co-operative society – Society rules & bye laws ; Private/Limited Company – memorandum & Articles of Association)                                                                                         |                     |
| 2     | Manufacturing range & facilities:<br>• List down the product range & specification details.<br>• List of Manufacturing facilities/equipment's (including material handling facility)                                                                                                                                                                |                     |
| 3     | Licence details of the factory                                                                                                                                                                                                                                                                                                                      |                     |
| 4     | <ul style="list-style-type: none"> <li>• Permanent Account No</li> <li>• GST registration number</li> <li>• State sales Tax / TIN number</li> <li>• Excise duty registration number</li> <li>• Excise control code number</li> <li>• Service tax registration number</li> <li>• Regn number of category as per MSMED Act (If applicable)</li> </ul> |                     |
| 5     | If registered with any other BHEL unit<br><ul style="list-style-type: none"> <li>• Letter of registration with BHEL unit (If applicable)</li> <li>• Proof of successfully executed or executing purchase orders</li> </ul>                                                                                                                          |                     |
| 6     | Accreditation certificate for ISO:9001 / TOC of Quality System manual / ISO:14000 / OHSAS ISO 18000 (If applicable)                                                                                                                                                                                                                                 |                     |
| 7     | Balance Sheet for the last three years along with the audit report                                                                                                                                                                                                                                                                                  |                     |
| 8     | EXPERIENCE IN SUPPLYING Profile sealer or similar material TO VARIES INDUSTRIES<br>(All the new vendors should enclose a Purchase Order copy against their experience in the supply of Profile sealer or similar material to various industry)                                                                                                      |                     |

## ANNEXURE –I

### Certificate by Chartered accountant on Chartered Accountant's letter head

This is to certify that M/s....., (hereinafter referred to as 'company') having its registered office at .....is registered under MSMED Act 2006, (Entrepreneur Memorandum No (Part-II) ..... dated: ..... Category: ..... (Micro/Small) (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year ..... as per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O 1722 (E) dated October 5, 2006:  
Rs..... Lacs
2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSM ED Act, 2006:  
Rs..... Lacs

**(Strike off whichever is not applicable)**

The above investment of Rs..... Lacs is within permissible limit of Rs..... Lacs for..... Micro/Small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is..... (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O.No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name:

Membership number:

Seal of Chartered Accountant:

# ANNEXURE - PQC

ENQ.NO:

|              |                                                                                                                                                                                                                                                                |                              |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
|              | <b>Material: FASTENERS</b>                                                                                                                                                                                                                                     |                              |
|              |                                                                                                                                                                                                                                                                |                              |
| <b>Sl.No</b> | <b>PRE QUALIFICATION CRITERIA —Points</b>                                                                                                                                                                                                                      | <b>Vendor to confirm</b>     |
| 01           | Acceptance for supplying FASTENERS as per standard indicated for Each item                                                                                                                                                                                     | ACCEPTED / NOT ACCEPTED      |
| 02           | Bidders have to confirm whether they have been black-listed / kept on hold / given Business holiday for a specified period by any Public Sector Undertaking or Government Departments/any other units of BHEL.<br>(With reference to S.No.15 of Annexure – A). | YES / NO                     |
| 03           | Offers from <b>Manufacturers</b> will only be accepted.<br>Offers from traders will summarily be rejected.                                                                                                                                                     | <b>Manufacturer / Trader</b> |
| 04           | Experience in supplying FASTENERS to various industries.<br>The vendors should enclose a purchase order copy against their experience during the past three years starting from 1 jan 2014 in the supply of FASTENERS to various industries.                   | ENCLOSED / NOT ENCLOSED      |

## NOTE:

**Offers meeting the above prequalification criteria points only will be evaluated further. Otherwise it will summarily be rejected.**

SIGN AND SEAL OF AUTHORIZED PERSON



# PLANT STANDARD

HPBP TIRUCHIRAPPALLI

BPS 41304

Rev. No. 02

PAGE 1 OF 2

## HEXAGON NUTS, PRODUCTS GRADES 'B' & 'C'

(Property Class 4 & 14H)

### 1.0 SCOPE

Covers the requirements of hexagon nuts in the size range M27, M33 and above

### 2.0 SPECIFICATION AND REFERENCE STANDARDS

| Dimensions and preferred sizes | Fig 1 & Table 1 of this standard                                                                            |                                                                                                      |
|--------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Tolerance                      | Product grade                                                                                               | C for nuts with $d \leq M64$<br>B for nuts with $d > M64$                                            |
|                                | Indian Standard                                                                                             | IS 1367 (Part 2) for nuts with $d \leq M39 \times 3$<br>IS: 3138 for nuts with $d \geq M42 \times 3$ |
| Thread                         | Pitch                                                                                                       | Table 1 of this standard                                                                             |
|                                | Tolerance                                                                                                   | 7H for nuts with $d \leq M39 \times 3$<br>6H for nuts with $d \geq M42 \times 3$                     |
|                                | Indian Standard                                                                                             | IS 4218 (Part 3, 5 & 6)                                                                              |
| Material                       | Steel                                                                                                       |                                                                                                      |
| Mechanical properties          | Property class                                                                                              | 4 for nuts with $d \leq M39 \times 3$<br>14H for nuts with $d \geq M42 \times 3$                     |
|                                | Indian standard                                                                                             | IS: 1367 (Part 6 & 7)                                                                                |
| Sampling and Acceptability     | Indian Standard                                                                                             | IS: 1367 (Part 17)                                                                                   |
| General requirements           | Nuts shall comply with IS: 1363 part 3 and IS: 3138 in respect of requirements not covered in this standard |                                                                                                      |

### 2.1 Referred standards (only current versions are applicable)

IS: 1367 (Part 2, 6, 7 & 17)

IS: 3138

IS: 4218 (Part 3, 5 & 6)

Technical supply conditions for threaded steel fasteners

Specification for hexagon bolts and nuts

ISO Metric screw threads

### 3.0 DESIGNATION

A Grade 'C' hexagon nut to this standard of thread size M36x3 shall be designated as :

### 3.1 On Drawings

i) Material Specification column

ii) Description Column

iii) Drawing Number Column

iv) Material Code column:

-----  
HEX NUT GR C M36x3-4

BPS 41304

4130400036

Revisions

Brought upto date

Approved

STANDARDS SECTION  
CONTRACT ENGINEERING AND CO-ORDINATION  
HPBP, TIRUCHIRAPPALLI

Rev. No. 02

Amd. No.

Reaffirmed

Prepared

Issued

Dt of 1st Issue

Dt. JUN 1997

Dt.

Year

STANDARDS

STANDARDS

DEC 1986



# PLANT STANDARD

HPBP TIRUCHIRAPPALLI

BPS 41304

Rev. No 02

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## 3.2 Ordering Description

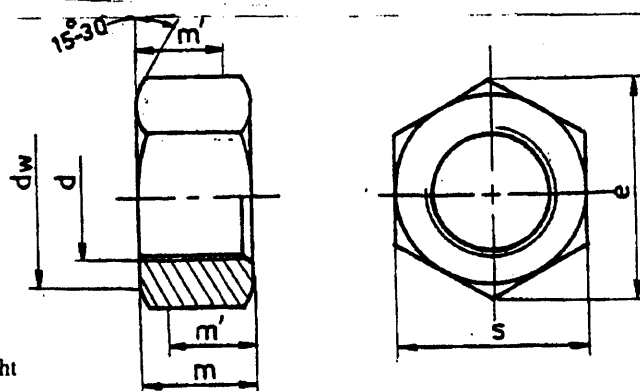
For placing indents, issuing enquires and on purchase order, ordering description given below shall be followed. (Typical examples)

- i) HEXAGON NUT M33 TO BPS:41304 for nuts with  $d=M27$  & M33
- II) HEXAGON NUT M36x3 TO BPS:41304 for nuts with  $d \geq M36X3$

## 4.0 ADDITIONAL INFORMATION

Copies of this standard shall be enclosed alongwith the purchase order for thread sizes M27,M33 and above.

**FIG. 1 DIMENSIONS FOR HEXAGON NUTS**  
(All dimensions are in millimetres)



'm' = Effective gauging height

**TABLE 1**  
(All dimensions are in millimetres)

| Thread Size<br>d | dw<br>Min | m     |       | m'<br>Min | s   |       | e     |      | Weight |
|------------------|-----------|-------|-------|-----------|-----|-------|-------|------|--------|
|                  |           | Max   | Min   |           | Max | Min   | Min   | Max  |        |
| (M27)            |           | 22.65 | 21.35 |           | 41  | 40.0  | 45.20 |      | 166    |
| (M33)            |           | 26.65 | 25.35 |           | 50  | 49.0  | 55.37 |      | 299    |
| M36x3            | 51.1      | 31.5  | 29.4  | 23.5      | 55  | 53.8  | 60.79 |      | 364    |
| (M39x3)          |           | 31.8  | 30.2  |           | 60  | 58.8  | 66.44 |      | 485    |
| (M45x3)          |           | 36.0  | 35.0  |           | 70  | 68.8  |       | 80.8 | 750    |
| M48x3            |           | 38.0  | 37.0  |           | 75  | 73.8  |       | 86.5 | 935    |
| M56x4            |           | 45.0  | 44.0  |           | 85  | 83.6  |       | 98   | 1355   |
| (M60x4)          |           | 48.0  | 47.0  |           | 90  | 88.6  |       | 104  | 1625   |
| M72x4            |           | 58.0  | 56.8  |           | 105 | 103.6 |       | 121  | 2430   |
| M80x4            |           | 64.0  | 62.8  |           | 115 | 113.6 |       | 133  | 3190   |

### NOTE:

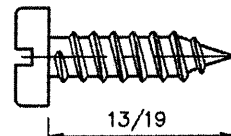
1. Sizes in brackets are non-preferred.
2. Weights are given in Kg per 1000 numbers only.



## PURCHASE SPECIFICATION FOR SLOTTED PAN HEAD TAPPING SCREWS(SS)

### ITEM DESCRIPTION

- : 1. SCREW ST 4.2X13 C
- 2. SCREW ST 4.2X19 C



### MATERIAL CODES

- : 1. SCREW ST 4.2X13 C – 410010401300
- 2. SCREW ST 4.2X19 C – 410010401900

### MATERIAL

: TAPPING SCREWS SHALL BE MADE FROM COLD  
HEADING CASE HARDENING STAINLESS STEEL.  
SPEC:SS304

### THREAD

: AS PER IS:5957

### DIMENSION & TOLERANCE

: AS PER IS:7173

### MECHANICAL REQUIREMENTS

: AS PER IS:7178

### FINISH

: AS PER IS:1367 PART-11

### SAMPLING

: AS PER IS:1367 PART-17

### OTHER REQUIREMENTS:

THE SUPPLIER'S TEST CERTIFICATE SHALL CONTAIN THE FOLLOWING DETAILS:

- a) P.O. No., P.O. SI.No., QUANTITY, WEIGHT .... AS APPLICABLE.
- b) SIZE OF SCREW.

|            |          |                |          |                                |           |
|------------|----------|----------------|----------|--------------------------------|-----------|
| INSULATION | PREPARED | ASHUTOSH KUMAR | 28.03.17 | DRAWING NO :<br>4-28-700-00641 | REV<br>00 |
|            | CHECKED  | NIL MOHAN      | 28.03.17 |                                |           |
|            | APPROVED | N. SELVARAJ    | 28.03.17 |                                |           |