

**PRE-QUALIFYING REQUIREMENTS FOR PURCHASE INDENT 20220432 DT. 29-11-2022
FOR FRAMEWORK AGREEMENT OF SILVER PLATING ON ALUMINIUM & COPPER
COMPONENTS, CONDUCTORS INCLUDING BLANKING PLATES & PALMS**

Sl. No.	PRE-QUALIFYING REQUIREMENTS	DETAIL DESCRIPTION	ACCEPTANCE CRITERIA
01	Size, Type & Weight of Job	<p>Job Type- Octagon, Square, Flat, Rectangular, L, Z & U type or as per design. Size of Job: Height- 4000 mm(Max.), Width- 1000 mm (Max.), Depth- 1000 mm (Max.) Weight of Job:</p> <ol style="list-style-type: none"> 1. For MATERIAL CODE RU5610040019 – Upto 100 Kg. 2. For MATERIAL CODE RU5610040426 – More than 100 Kg. <p>Note: - For palm involving multiple sides (like octagon, square shape etc.), BHEL will be free to ask for plating on only one side (on selective portion) of the palm. In that case, vendor will have to make suitable masking arrangement with no extra cost implication to BHEL.</p>	<p>Self-undertaking required on Company Letter Head mentioning material code(s) for which offer submitted.</p>
02	Technical requirement	<ol style="list-style-type: none"> 1. Bidder shall have silver plating processing plant as per BHEL standard SG14610 R04, SG15600 R04 & AA0673613 R04. 2. For MATERIAL CODE RU5610040426 where weight of job is more than 100 Kg., Bidder shall have overhead crane and transporter facility with process time control system to maintain the process parameter (like voltage, current and temperature) and to meet the required quality as per BHEL standard. 3. Bidder shall have at least 2 years' experience (with documental proof) in silver plating on electrical grade aluminium alloy conductors and bus bars, to ensure required quality as per BHEL standard, as it is a specialized and expensive process for very high current carrying electrical application (up to 26000 Amps. at working temperature of 85°C). 4. The technical offer of new bidder other than BHEL PMD vendor, who is not listed with BHEL, shall be reviewed as per BHEL standard. The expert team of BHEL will visit their plant to examine the silver plating facilities as per SG14610 R04, SG15600 R04 & AA0673613 R04. Failing to meet the standard requirement will be liable for rejection of offer technically. 	<p>For SI No 1, Signed documents is required.</p> <p>For SI No 2, Self-undertaking is required.</p> <p>For SI No 3, PO/Invoices are required.</p> <p>For SI No 4, BHEL reserves the right.</p>
03	Testing Facilities	<p>Bidder shall have testing facilities for</p> <ol style="list-style-type: none"> i. Chemical composition analysis as per product standard SG14610 R04, SG15600 R04 & AA0673613 R04. ii. Thickness measurement iii. Anti-tarnishing iv. Adhesion v. Salt spray & vi. Humidity test etc. 	<p>Signed documents is required.</p>

**TECHNO-COMMERCIAL TERMS AND CONDITIONS FOR PURCHASE INDENT 20220432
DT. 29-11-2022 FOR FRAMEWORK AGREEMENT OF SILVER PLATING ON ALUMINIUM
& COPPER COMPONENTS, CONDUCTORS INCLUDING BLANKING PLATES & PALMS**

Sl. No.	TECHINCAL TERMS	DETAIL DESCRIPTION
01	Price Basis	Rate shall be quoted for entering into framework agreement for One Year. Rate to be quoted on Price Variation Clause for silver. Multiples Orders shall be placed during validity period of this agreement on finalized rates.
02	Delivery Destination	Rate shall be quoted on F.O.R. BHEL Rudrapur basis. (Jobs shall be lifted by the bidder from BHEL-Rudrapur and shall be delivered back to BHEL Rudrapur after Silver Plating duly packed).
03	Delivery requirement	Delivery time shall be within 21 days from receipt of raw material (Al/Cu) from BHEL Rudrapur (under GST Job Work norms) after placement of purchase order.
04	PVC Clause	Rates shall be subject to Price Variation Clause (PVC) at the base rate of Silver (99.9% purity) @ Rs. 61,450/- As per Mumbai Bullion market (Ready) date 28.11.2022. For any change in this rate, the silver closing rate of Mumbai Bullion market on the 1 st working day of the calendar month as published on ET-INTELLIGENCE shall be effective for supplies till the end of that month in which the plated components are to be supplied to BHEL/BHEL's fabricators.
05	PVC Ratio & Formula	PVC ratio shall be 1:0.7. i.e. A change in base rate of silver shall impact 70% change in finalized basic rate of silver plating. Price Variation Formula: - $S = SF * \{1 + 70\% * (SI - SB) / SB\}$ Where, S = Applicable Rate of Silver Plating at the time of invoicing, SF = Applicable Rate of Silver Plating finalised in the NIT, SI = Applicable Base rate of Silver at the time of invoicing, SB = Applicable Base rate of Silver as per NIT,
06	Test Certificate	TC as per specification shall be submitted along with material.



07	Silver plating procedure/Inspection procedure/Packing	<p>As per attached Product Standard SG14610 R04, SG15600 R04 & AA0673613 R04 and drg. No.- 45410001025 /Packing instructions as per BHE/Pack/SP/001 REV02.</p> <ul style="list-style-type: none"> - Quality assurance plan: QAP/BD/164/R02 (Copy attached) - Composition of components to AA12329 - The chemical composition of material when analyzed in accordance with IS:504 - Method of chemical analysis of Aluminium and its alloys shall be as follows: <table border="1"> <thead> <tr> <th>Elements</th> <th>Min.</th> <th>Percent Max.</th> </tr> </thead> <tbody> <tr> <td>Magnesium</td> <td>0.4</td> <td>0.90</td> </tr> <tr> <td>Silicon</td> <td>0.4</td> <td>0.90</td> </tr> <tr> <td>Manganese</td> <td>0.4</td> <td>0.90</td> </tr> <tr> <td>Copper</td> <td>0.4</td> <td>0.90</td> </tr> <tr> <td>Iron</td> <td>0.4</td> <td>0.90</td> </tr> <tr> <td>Aluminium</td> <td>Remainder</td> <td></td> </tr> </tbody> </table>	Elements	Min.	Percent Max.	Magnesium	0.4	0.90	Silicon	0.4	0.90	Manganese	0.4	0.90	Copper	0.4	0.90	Iron	0.4	0.90	Aluminium	Remainder	
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Iron	0.4	0.90																					
Aluminium	Remainder																						
08	Inspection	100% inspection shall be done by BHEL/BHEL's representative before dispatch.																					
09	Important IS	<p>IS:1959 (Silver Anode) IS:3203(Thickness) IS: 1771(Adhesion/Tarnish Resistance test) For all other required IS details vide Product standard SG15600 REV.04</p>																					
10	Distribution Clause	<p>Distribution shall be done as per below matrix as applicable: -</p> <table border="1"> <thead> <tr> <th>Distribution Matrix</th> <th>L1</th> <th>L2</th> </tr> </thead> <tbody> <tr> <td>02 lowest acceptable bidders</td> <td>60%</td> <td>40%</td> </tr> <tr> <td>01 lowest bidder</td> <td>100%</td> <td>-</td> </tr> </tbody> </table>	Distribution Matrix	L1	L2	02 lowest acceptable bidders	60%	40%	01 lowest bidder	100%	-												
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01 lowest bidder	100%	-																					
11	Quantity variation	All the quantities in the enquiry are tentative being framework agreement and BHEL shall have no commitment for exact ordering. Supplier shall be prepared to accept orders of reduced quantities without any implication.																					
12	Insurance of BHEL issued material	<p>Being Job Work contract, semi-finished / finished material shall be issued to sub-contractor for Silver Plating. As the material being issued is sole property of BHEL, Insurance shall be done by BHEL for every consignment under prevailing Insurance Policy.</p>																					

Bidder's Sign & Seal



CALL DIM. IN MM

REV 11	DATE 29.07.08	ALTERED CHECKED	REV	DATE	ALTERED CHECKED	ADDITIONAL INFORMATION
DRAWING RETRACED.						STATUS OF DRAWING
						DISTRIBUTION OF PRINTS

1. SURFACE PREPARATION FOR SILVER PLATING (BY FABRICATORS) :-

- A. WELDED FACES OF CONDUCTOR OR ANY DENT MARK PRESENT ARE TO BE REMOVED EITHER BY SKIM CUT/GRINDING /EMERYING BUT DEPTH OF CUT SHALL NOT EXCEED 1.0 mm.
- B. DRILLED HOLES SHALL BE DEBURRED ON BOTH SIDE.
- C. DRILLED END OF THE CONDUCTOR SHALL BE FACED PERPENDICULAR TO THE AXIS OF CONDUCTOR. SILVER PLATING IS TO BE DONE 35 mm FROM LAST HOLE (SEE FIG -1)

2. SPECIAL INSTRUCTION FOR ELECTROPLATERS :-

- A. SILVER PLATING TO BHEL STANDARD 'BP 0673697/REV.00' SILVER PLATING TO BE MINIMUM 13 MICRON SILVER OR AS SPECIFIED ON CUSTOMERS SPECIFICATION WHICH EXCLUDES THICKNESS OF COPPER STRIKE AND DOUBLE ZINCATE TREATMENT FIG -1 TO BE FOLLOWED FOR SILVER PLATING OF SURFACE IF SPECIFIED ON DRAWING.

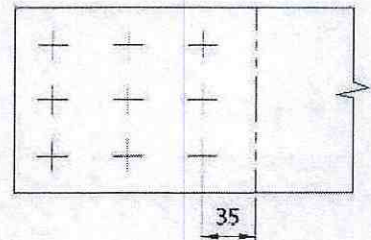




FIG - 1

3. PRECAUTIONS AFTER SILVER PLATING :-

- A. PROTECTIVE COATING ON PLATED SURFACE : SILVER PLATED SURFACE SHOULD BE COVERED BY COTTON TAPE IMMEDIATELY AFTER PLATING (BY ELECTROPLATERS).
- B. WHILE DOING WELDING, PRECAUTIONS TO BE TAKEN SO THAT SILVER PLATED SURFACE IS NOT DAMAGED (BY FABRICATORS).
- C. COTTON TAPE SHOULD NOT BE REMOVED AT ANY STAGE IN THE SHOP. THIS WILL BE REMOVED AT SITE BEFORE MAKING BOLTED JOINTS.

	BHARAT HEAVY ELECTRICALS LTD. RUDRAPUR		NAME	SIGN	DATE
			DRN	VISHAL	29.07.08
			CHD	P.SINGH	29.07.08
		APPD	RK LAL	29.07.08	
DEPT.	ECC	 SCALE N.T.S.	Wt. [Kg]	REF. TO ASSY. DRG.	ITEM No
TITLE			DRAWING NO.		REV.
GEN. INSTRUCTION FOR SILVER PLATING ON ALUMINIUM CONDUCTOR & FLEXIBLE			4 541 00 01 025		11
				SHEET NO. -02	NO. OF SHEETS -03

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

1/4 [4-page]

B.H.E.L. 200007/0006		STANDARD SUB-VENDOR QUALITY PLAN FOR Electro Plating of Silver On Aluminium and it's Alloys			MATERIAL INSPECTION / IN PROCESS INSPECTION / FINAL INSPECTION		SUB-VENDOR'S / VENDOR'S / CONTRACTOR'S WORKS.		QP.No. QP/BD/164, Ro2 Rev.02 Date 16.07.2003 Page 1 of 2	
SLIP No.	COMPONENT AND OPERATION	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTAN CE NORMS	FORMAT OF RECORD	AGENCY	REMARKS
	2	3	4	5	6	7	8	9	10	11
A	Composition And maintenance of Bath Solution	a) Alkaline degreasing solution b) Chromic sulphuric acid pickling solution c) De oxidizing solution d) Zincate solution e) Copper plating solution f) Potassium Cyanide dip solution g) Silver strike solution h) Silver plating solution i) Brighter addition j) Anti tamishing solution	B B B B B B B B B B	I I I I I I I I I I	Sample to be taken from bath Sample Sample Sample Sample Sample Sample Sample	SG: 15603 Cl. 6.1 Cl. 6.2 Cl. 6.4 Cl. 6.5 Cl. 6.6 Cl. 6.7 Cl. 6.8 Cl. 6.9 Cl. 7.9 Cl. 6.10	SG: 15600 Cl. 6.1 Cl. 6.2 Cl. 6.4 Cl. 6.5 Cl. 6.6 Cl. 6.7 Cl. 6.8 Cl. 6.9 Cl. 7.9 Cl. 6.10	Sub vendor Check list / Formats / Records	Sub vendor	Review of records by BH&L (periodic surveillance by BH&L inspector)

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B.H.E.L. QX/007/0006		STANDARD SUB-VENDOR QUALITY PLAN FOR Electro Plating of Silver On Aluminium and it's Alloys		MATERIAL INSPECTION / IN PROCESS INSPECTION / FINAL INSPECTION		SUB-VENDOR'S / VENDOR'S / CONTRACTOR'S WORKS		QP.No. QP/BD/164-Rev.02 Rev.02 Date 16.07.2003 Page 2 of 4		
Sl. No.	COMPONENT AND OPERATION	CHARACTERISTICS	CLASS	TYPE CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	AGENCY	REMARKS
1	2	3	4	5	6	7	8	9	10	11
B	Cleaning / preparation of Aluminium items	a) wire brushing b) solvent degreasing c) alkali degreasing d) Rinsing e) Acid cleaning / pickling (i) Chromic sulphuric acid pickling (ii) Rinsing (iii) Nitric-Hydrofluoric acid pickling (iv) Rinsing f) Deoxidation g) Rinsing	B B D B B B B B B B B	V V V V V V V V V V V	100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100%	SG: 15600 Cl. 8.1 Cl. 8.2 Cl. 8.3 Cl. 8.4 Cl. 8.4.1 Cl. 8.4.2 Cl. 8.4.3 Cl. 8.4.4 Cl. 8.4.5 Cl. 8.5	SG: 15600 Cl. 8.1 Cl. 8.2 Cl. 8.3 Cl. 8.4 Cl. 8.4.1 Cl. 8.4.2 Cl. 8.4.3 Cl. 8.4.4 Cl. 8.4.5 Cl. 8.5	Sub vendor Check list / Formats / Records	Sub vendor	Review of Records
C	Preparation for Silver plating	e) First zincate treatment b) Rinsing c) Deoxidation d) Rinsing e) Second zincate treatment f) Rinsing	B B B B B B	I I I I I I	100% 100% 100% 100% 100% 100%	SG: 15600 Cl. 8.6 Cl. 8.6.1 Cl. 8.6.2 Cl. 8.6.3 Cl. 8.6.4 Cl. 8.6.5	SG: 15600 Cl. 8.6 Cl. 8.6.1 Cl. 8.6.2 Cl. 8.6.3 Cl. 8.6.4 Cl. 8.6.5	Sub vendor Check list / Formats / Records	Sub vendor	Review of records by BHEL Periodic surveillance by BHEL Director

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BHEL CX/007/0006		STANDARD SUB-VENDOR QUALITY PLAN FOR Electro Plating of Silver On Aluminium and it's Alloys			MATERIAL INSPECTION / IN PROCESS INSPECTION / FINAL INSPECTION		SUB-VENDOR'S / VENDOR'S / CONTRACTOR'S WORKS		QP.No: QP/BD/154-Rev Rev.02 Date 16.07.2003 Page 3 of 4	
1	2	3	4	5	6	7	8	9	10	11
COMPONENT AND OPERATION	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTAN. CE NORMS	FORMAT OF RECORD	AGENCY	REMARKS	
D	Silver plating Process	a) Copper plating b) Rinsing c) Cyanide dip d) Silver striking e) Silver plating f) Dragout & rinsing g) Hot rinsing h) Anti tarnishing i) Rinsing	B B B B B B B B B	I I I I I I I I I	100% 100% 100% 100% 100% 100% 100% 100% 100%	CI. 8.7.1 CI. 8.7.2 CI. 8.7.3 CI. 8.8 CI. 8.10 & 8.11 CI. 8.12 CI. 8.13 CI. 8.14	CI. 8.7.1 CI. 8.7.2 CI. 8.7.3 CI. 8.8 CI. 8.10 & 8.11 CI. 8.12 CI. 8.13 CI. 8.14	Sub vendor Check list / Formats / Records	Sub vendor	Review of records by BHEL (periodic surveillance by BHEL Inspector
E	Inspection of Electroplated Surface	a) Surface finish b) Thickness of Plating c) Adhesion (I) Burnishing test or (II) Bend test or d) Anti tarnish Treatment	B B B B B B	V T T T T T	Sample Sample Sample Sample Sample 100%	IS 1771 / 3203	Drg Sub vendor Test report	Sub vendor	CHP by BHEL At sub vendor Works.	

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~~PARA ELECTRICALS LIMITED~~

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S.E.E.L. COX/007/0006		STANDARD SUB-VENDOR QUALITY PLAN FOR Electro-Plating of Silver On Aluminium and its Alloys		MATERIAL INSPECTION / IN PROCESS INSPECTION / FINAL INSPECTION			SUB-VENDOR'S / VENDOR'S / CONTRACTOR'S WORKS		QP.No. QP/BD/164 Rev.02 Date 16.07.2013 Page 4 of 4	
SL NO	COMPONENT AND OPERATION	CHARACTERISTICS	CLASS	TYPE CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTAN CE NORMS	FORMAT OF RECORD	AGENCY	REMARKS
1	2	3	4	5	6	7	8	9	10	11
F	Protection coating for silver plating	a). Application of protective coating a) Drying b) Packing c) Removal of packing & protective coating	B B B B	I I I I	100% 100% 100% 100%	BD:15012 P Cl. 1.0 Cl. 2.0 Cl. 3.0 Cl. 4.0	BD:15012 P Cl. 1.0 Cl. 2.0 Cl. 3.0 Cl. 4.0	Sub vendor Check list / Formats	Sub vendor At Site	Review of Records

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LEGENT :- A :- Critical, I :- Inspection, B :- Major, TC :- Test Certificate, T :- Testing
OS :- Observation sheet, C :- Minor, V :- Visual, Drg. :- Drawing.

Prepared by

(H N SHAKYA)
Dy. MANAGER (COX)

Approved by

(P K JAIN)
DSM (COX)

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PRODUCT STANDARD

CFP-RUDRAPUR

Ref:
BHE/PACK/SP/001
REV-02

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PACKING OF SILVER/TIN PLATED ITEMS/ BUS DUCT PALMS

1.0 INTRODUCTION:

This standard covers the procedure for packing of Silver / Tin plated items / bus duct palms.

2.0 APPLICATION:

Shall be used for packing of silver plated Al splice plates / palms, silver & tin plated Copper plates.

3.0 PROCEDURE:

1. After clearance from inspecting agency, surface of the plated portion to be cleaned by using dry cotton cloth to remove dust, loose particles etc.
2. Plated surface shall be covered using envelope of suitable size made of HDPE VCI film and HDPE VCI tape such that air & moisture does not trap between VCI film and Plated surface. (FIG-1a, 1b, 1c, 1d)
3. This assembly shall now be covered with cotton tape for providing cushion.
4. Cotton tape wrapped surface shall be covered with two layers of bubble sheets to avoid ingress of moisture and for providing cushion to plated surface (refer FIG-2a,2b).
5. Bubble sheet shall be covered with VCI Tape.
6. Edges of plated palms shall be covered with hard foam to avoid damage to edges during handling (refer FIG-3a, 3b).
7. Packed components shall be stored under covered shed.
8. Before dispatch of the item / Bus Duct to site, proper packing of Silver / Tin plated surface shall be ensured.
9. If any damage is noticed in the packing, it shall be re-packed by the above given process.

ALOK KUMAR	Manager (REG)		PACKING OF SILVER/TIN PLATED ITEMS/ BUS DUCT PALMS		
PARUSH KUMAR	Manager (Engg)				
KAPIL KUMAR BHARTI	Sr.Mgr (Quality & BE)				
AJIT SAHAY	Sr.Mgr (PDN & FES)				
ARVIND NARAYAN	Sr.Mgr (Engg)				
R.K. SAXSENA	Sr.DGM (MM & Stores)	PREPARED BY	SANJAY KR. GUPTA - DY ENGR		
COMMITTEE MEMBERS / AGREED DEPTT.	DESIGNATION	SIGN. & DATE	CHECKED BY		
		Approved by:	PLANT STANDARIZATION COMMITTEE		
REVISION NO.: 02		Prepared by:	ENGINEERING. DEPARTMENT.		DATE:
DATE: 30.12.2020					15.12.20



PRODUCT STANDARD

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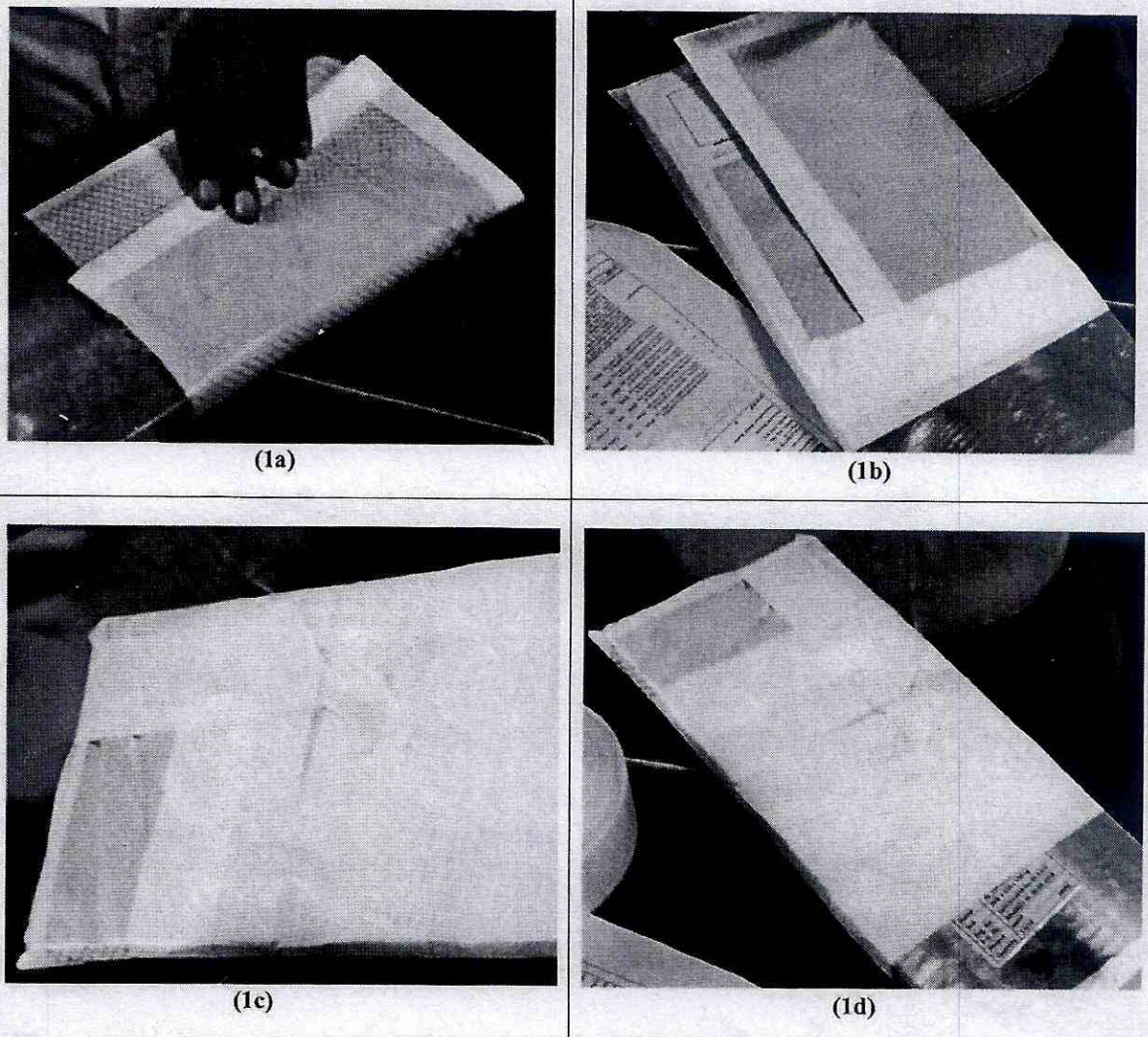


FIG-1

COMMITTEE MEMBERS / AGREED DEPTT.		DESIGNATION	SIGN. & DATE	PACKING OF SILVER/TIN PLATED ITEMS/ BUS DUCT PALMS	
ALOK KUMAR	Manager (REG)		<i>[Signature]</i>	PREPARED BY	SANJAY KR. GUPTA - DY ENGR
PARUSH KUMAR	Manager (Engg)		<i>[Signature]</i>	CHECKED BY	RUPESH KUMAR - MGR
KAPIL KUMAR BHARTI	Sr.Mgr (Quality & BE)		<i>[Signature]</i>		
AJIT SAHAY	Sr.Mgr (PDN & FES)		<i>[Signature]</i>		
ARVIND NARAYAN	Sr.Mgr (Engg.)		<i>[Signature]</i>		
R.K. SAXSENA	Sr.DGM (MM & Stores)		<i>[Signature]</i>		
REVISION NO. : 02		Approved by: PLANT STANDARIZATION COMMITTEE			
DATE: 30.12.2020		Prepared by: ENGINEERING. DEPARTMENT.		DATE: 15.12.20	



PRODUCT STANDARD

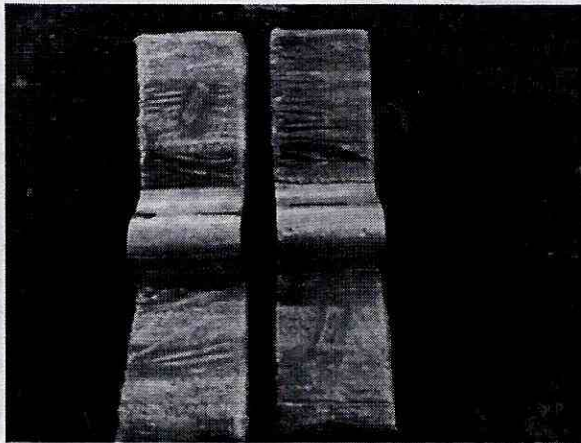
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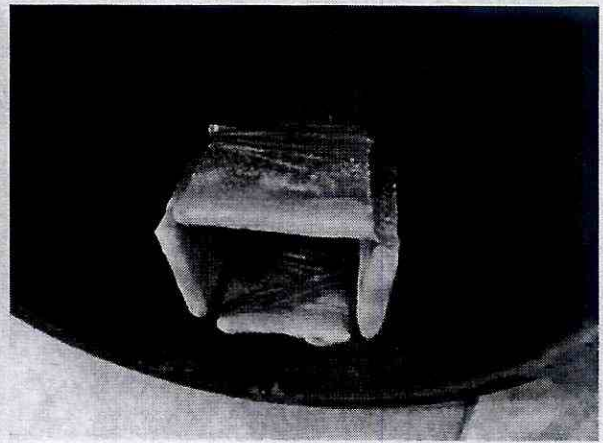
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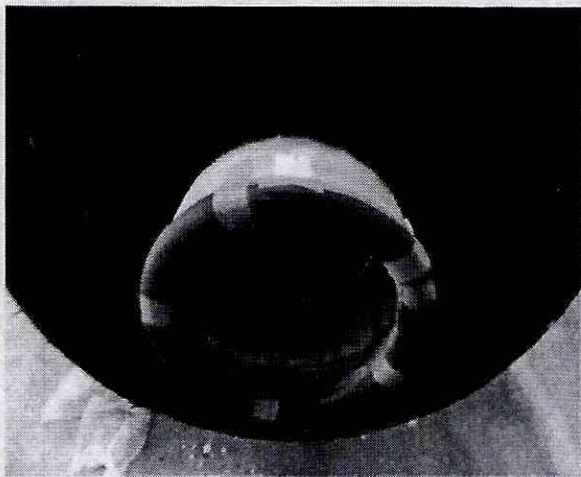
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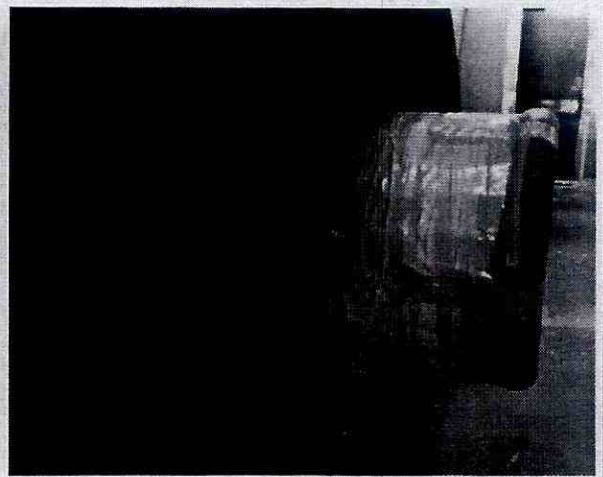
(2a)



(2b)



(3c)



(3d)

FIG - 3

ALOK KUMAR	Manager (REG)		PACKING OF SILVER/TIN PLATED ITEMS/ BUS DUCT PALMS	
PARUSH KUMAR	Manager (Engg)			
KAPIL KUMAR BHARTI	Sr.Mgr (Quality & BE)			
AJIT SAHAY	Sr.Mgr (PDN & FES)			
ARVIND NARAYAN	Sr.Mgr (Engg)			
R.K. SAXSENA	Sr.DGM (MM & Stores)	30-12-20	PREPARED BY	SANJAY KR. GUPTA - DY ENGR
COMMITTEE MEMBERS / AGREED DEPTT.	DESIGNATION	SIGN. & DATE	CHECKED BY	RUPESH KUMAR - MGR
Approved by: PLANT STANDARIZATION COMMITTEE				
REVISION NO.: 02	Prepared by: ENGINEERING. DEPARTMENT.			DATE:
DATE: 30.12.2020				15.12.20

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Commodity (Prices are exclusive of GST)

Ready

SPOT -- BULLION -- SILVER -- Ready

Trading Date	Item	Variety(Wt.)	Centre	Price Range	
				From	Price Range To
31-10-2022	SILVER	Ready1 Kg	MUMBAI	57500.00	57500.00
01-11-2022	SILVER	Ready1 Kg	MUMBAI	59000.00	59000.00
02-11-2022	SILVER	Ready1 Kg	MUMBAI	58600.00	58600.00
03-11-2022	SILVER	Ready1 Kg	MUMBAI	57700.00	57700.00
04-11-2022	SILVER	Ready1 Kg	MUMBAI	58700.00	58700.00
05-11-2022	SILVER	Ready1 Kg	MUMBAI	60200.00	60200.00
07-11-2022	SILVER	Ready1 Kg	MUMBAI	60200.00	60200.00
08-11-2022	SILVER	Ready1 Kg	MUMBAI	60200.00	60200.00
09-11-2022	SILVER	Ready1 Kg	MUMBAI	61400.00	61400.00
10-11-2022	SILVER	Ready1 Kg	MUMBAI	61000.00	61000.00
11-11-2022	SILVER	Ready1 Kg	MUMBAI	61200.00	61200.00
12-11-2022	SILVER	Ready1 Kg	MUMBAI	61600.00	61600.00
14-11-2022	SILVER	Ready1 Kg	MUMBAI	61500.00	61500.00
15-11-2022	SILVER	Ready1 Kg	MUMBAI	62000.00	62000.00
16-11-2022	SILVER	Ready1 Kg	MUMBAI	62500.00	62500.00
17-11-2022	SILVER	Ready1 Kg	MUMBAI	61250.00	61250.00
18-11-2022	SILVER	Ready1 Kg	MUMBAI	61200.00	61200.00
21-11-2022	SILVER	Ready1 Kg	MUMBAI	60450.00	60450.00
22-11-2022	SILVER	Ready1 Kg	MUMBAI	61550.00	61550.00
23-11-2022	SILVER	Ready1 Kg	MUMBAI	61250.00	61250.00

24-11-2022	SILVER	Ready1 Kg	MUMBAI	62380.00	62380.00
25-11-2022	SILVER	Ready1 Kg	MUMBAI	61780.00	61780.00
26-11-2022	SILVER	Ready1 Kg	MUMBAI	61780.00	61780.00
28-11-2022	SILVER	Ready1 Kg	MUMBAI	61450.00	61450.00
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