

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	17-10-2023 15:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	17-10-2023 15:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Heavy Industries And Public Enterprises
Department Name/विभाग का नाम	Department Of Heavy Industry
Organisation Name/संगठन का नाम	Bharat Heavy Electricals Limited (bhel)
Office Name/कार्यालय का नाम	10090001-edn Bangalore
Total Quantity/कुल मात्रा	2937
Item Category/मद केटेगरी	ILPB ASSY, RECT, RED, 1NO+ 1NC, 42.5-55MM (BHEL Material Code: EN7341799003) (Q3) , ILPB ASSY, RECT, RED WITH PROT GUARD (BHEL Material Code: EN7341799141) (Q3) , ILPB ASSY, SQUARE, GREEN, 1NO+ 1NC, 42.5-55MM (BHEL Material Code: EN7341799153) (Q3) , ILPB ASSY, RECT, WHITE, 1NO+ 1NC, 42.5-55MM (BHEL Material Code: EN7341799177) (Q3) , ILPB ASSY, SQUARE, WHITE, 1NO+ 1NC, 42.5-55MM (BHEL Material Code: EN7341799189) (Q3) , INDICATOR ASSY, SQUARE, GREEN, 42.5-55MM (BHEL Material Code: EN7341799239) (Q3) , INDICATOR ASSY, SQUARE, RED, 42.5-55MM (BHEL Material Code: EN7341799241) (Q3) , INDICATOR ASSY, CIRCULAR, YELLOW, 42.5-55MM (BHEL Material Code: EN7341799265) (Q3) , ILPB ASSY, RECT, GREEN, 1NO+ 1NC, 42.5-55MM (BHEL Material Code: EN7341799277) (Q3) , ILPB ASSY, SQUARE GREEN, 2NO+ 2NC, LED (BHEL Material Code: HC0520252144) (Q3) , ILPB ASSY, SQUARE RED, 2NO+ 2NC, LED (BHEL Material Code: HC0520252152) (Q3) , SMPS. I/P: 220VDC/230VAC. O/P: 24VDC, 20A (BHEL Material code: HC0521325250) (Q3)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Additional Doc 1 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer

Bid Details/बिड विवरण	
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
ITC available to buyer/क्रेता के लिए उपलब्ध आईटीसी	Yes
Type of Bid/बिड का प्रकार	Two Packet Bid
Primary product category	SMPS. I/P: 220VDC/230VAC. O/P: 24VDC, 20A (BHEL Material code: HC0521325250)
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Payment Timelines	Payments shall be made to the Seller within 90 days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
Evaluation Method/मूल्यांकन पद्धति	Item wise evaluation/

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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Splitting/विभाजन

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

2. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Evaluation Method (Item Wise Evaluation Method)

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Item/Category	Quantity
Schedule 1	Ilpb Assy, Rect, Red, 1no+ 1nc, 42.5-55mm (bhel Material Code: En7341799003)	52
Schedule 2	Ilpb Assy, Rect, Red With Prot Guard (bhel Material Code: En7341799141)	21
Schedule 3	Ilpb Assy, Square, Green, 1no+ 1nc, 42.5-55mm (bhel Material Code: En7341799153)	6
Schedule 4	Ilpb Assy, Rect, White, 1no+ 1nc, 42.5-55mm (bhel Material Code: En7341799177)	106
Schedule 5	Ilpb Assy, Square, White, 1no+ 1nc, 42.5-55mm (bhel Material Code: En7341799189)	287
Schedule 6	Indicator Assy, Square, Green, 42.5-55mm (bhel Material Code: En7341799239)	443

Schedule 7	Indicator Assy, Square, Red, 42.5-55mm (bhel Material Code: En7341799241)	828
Schedule 8	Indicator Assy, Circular, Yellow, 42.5-55mm (bhel Material Code: En7341799265)	682
Schedule 9	Ilpb Assy, Rect, Green, 1no+ 1nc, 42.5-55mm (bhel Material Code: En7341799277)	38
Schedule 10	Ilpb Assy, Square Green, 2no+ 2nc, Led (bhel Material Code: Hc0520252144)	208
Schedule 11	Ilpb Assy, Square Red, 2no+ 2nc, Led (bhel Material Code: Hc0520252152)	196
Schedule 12	Smps. I/p: 220vdc/230vac. O/p: 24vdc, 20a (bhel Material Code: Hc0521325250)	70

ILPB ASSY, RECT, RED, 1NO+ 1NC, 42.5-55MM (BHEL Material Code: EN7341799003) (52 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	52	30

ILPB ASSY, RECT, RED WITH PROT GUARD (BHEL Material Code: EN7341799141) (21 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	21	30

ILPB ASSY, SQUARE, GREEN, 1NO+ 1NC, 42.5-55MM (BHEL Material Code: EN7341799153) (6 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	6	30

ILPB ASSY, RECT, WHITE, 1NO+ 1NC, 42.5-55MM (BHEL Material Code: EN7341799177) (106 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	106	30

ILPB ASSY, SQUARE, WHITE, 1NO+ 1NC, 42.5-55MM (BHEL Material Code: EN7341799189) (287 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	287	30

INDICATOR ASSY, SQUARE, GREEN, 42.5-55MM (BHEL Material Code: EN7341799239) (443 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	443	30

INDICATOR ASSY, SQUARE, RED, 42.5-55MM (BHEL Material Code: EN7341799241) (828 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	828	30

INDICATOR ASSY, CIRCULAR, YELLOW, 42.5-55MM (BHEL Material Code: EN7341799265) (682 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	682	30

ILPB ASSY, RECT, GREEN, 1NO+ 1NC, 42.5-55MM (BHEL Material Code: EN7341799277) (38 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	38	30

ILPB ASSY, SQUARE GREEN, 2NO+ 2NC, LED (BHEL Material Code: HC0520252144) (208 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	208	30

ILPB ASSY, SQUARE RED, 2NO+ 2NC, LED (BHEL Material Code: HC0520252152) (196 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	196	30

SMPS. I/P: 220VDC/230VAC. O/P: 24VDC, 20A (BHEL Material Code: HC0521325250) (70 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	70	30

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें**1. Scope of Supply**

Scope of supply (Bid price to include all cost components) : Only supply of Goods

2. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

3. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

4. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

5. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

6. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

7. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

A. PRE-QUALIFICATION REQUIREMENT (PQR)

Bidder should submit documentary evidence for PQC, for evaluating the eligibility of Bidder as per **Buyer s pecification document** in this bid.

B. Payment Timelines:

Type of Bidder**Payment Terms (Number of days)**

Micro & Small Enterprises (MSEs)	45 days from CRAC date
Medium Enterprises	60 days from CRAC date
Non MSME	90 days from CRAC date

C. Risk Purchase - In case of failure of supplier, BHEL at its discretion may make purchase of the material s/ services not supplied/ rendered in time at the RISK & COST of the supplier. Under such situation, the supplier who fails to supply the goods in time shall be wholly liable to make good to BHEL any loss due to risk purchase. In case of invocation of risk purchase, BHEL shall get Balance work/ supply done at supplier risk and cost, which shall be recovered from supplier out of dues of this contract, any other contract with BHEL and balance amount, if any shall be required to be deposited by supplier.

D. Contact Details:**Engineering Dept.****Tender Dept.**

Ms. SREELAKSHMI B/ Sr. Manager Mr. Dinesh Kumar Bhagat/ Manager

e-mail: sreelakshmib@bhel.in

e-mail: dkbhagat@bhel.in

Tel: 080 26998508

Tel: 080 26998108

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।

---Thank You/धन्यवाद---

Pre-Qualification Criteria for Illuminated Push Button Assembly

The bidders intending to participate shall meet the following criteria and such of those bidders shall be pre-qualified for this tender.

Sl.No	Criteria	Documentary Evidence	Vendor compliance/ remarks
1.	Manufacturer Authorization Form (MAF): The bidder should be an OEM or authorized distributor of an OEM. Wherever Authorized Distributors are submitting the bid, a MAF or Certificate with OEM details such as name, designation, address, e-mail ID, and Phone number is required to be furnished along with the bid.	<ul style="list-style-type: none"> ● Self-Certification in the case of a bidder is OEM. ● MAF from OEM in case the bidder is a dealer, distributor, or partner 	
2.	IMPORTED PRODUCTS: In the case of imported products, the OEM or Authorized Seller of the OEM should have a registered office in India to provide after-sales service support in India. A certificate to this effect should be submitted.	Certificate for authorized after sales service support in India	
3.	Performance Criteria: The Bidder shall provide a performance certificate from the end user of the same model quoted or should have supplied the item as per BHEL specification against an earlier Purchase order.	a. Performance certificate from end user to be provided b. PO copy along with Invoice and delivery challan OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	
4.	Test Report: Bidder shall provide Test certificate complying to the specification of the purchase order along with the supply of items	Test Reports OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	

5.	Bidders shall quote only those products in the bid that are not obsolete in the market and have at least 3 years' residual market life from the date of bid opening, i.e., the offered product shall not be declared end-of-life by the OEM before this period.	OEM declaration for the same	
6.	<p>Service and Support:</p> <p>The suppliers or their authorized service representative shall have trained engineers in India for providing and troubleshooting support for the offered model and shall be in a position to provide prompt after-sales services and spares support, if required.</p>	Declaration for the same to be provided.	



EDN, Bangalore

ILPB ASSY, RECT, RED, 1NO+1NC,
55mm

EN7341799003

Rev. No. 00

Page 1 of 1

1. SCOPE: ILPB ASSY, RECT, RED, 1NO+1NC, 55mm
2. Purpose: MOUNTING ON DCS CONTROL PANELS
3. Technical detail:
ILLUMINATED PUSHBUTTON ASSEMBLY. MOMENTARY
SWITCHING ACTION. CONSISTING OF ACTUATOR
RECTANGULAR TRANSLUCENT LENS RED COLOUR LED
HOLDER WITH 1NO+1NC CONTACT ELEMENT.
LED OF RED COLOUR
MOUNTING DEPTH: 42.5mm to 55mm.
TYPE NO FOR EAO MAKE: 901F.000-00+ 200-6000-00+
200-5120-00+ 10-2J12.1062+ 260-0002-00.
TYPE NO. FOR WERNER MAKE: 41.26.12.21.24
TYPE NO. FOR JOHNSON ELECTRIC MAKE: 501015000+561400000+590236000+
593566000 or EQUIVALENT.
ITEM SHALL BE SUITABLE FOR CRIMPING LUGS. ITEM
SHALL BE SUPPLIED IN FULLY ASSEMBLED CONDITION.
LOOSE PARTS ARE NOT ACCEPTABLE.

Reviewed By:

Sreelakshmi B. (HCE)

Approved By:

Reetesh K. Amarwanshi (HCE)

Prepared by:

Pavan Mulani (HCE)

Date:

17.05.2023

Pre-Qualification Criteria for Illuminated Push Button Assembly

The bidders intending to participate shall meet the following criteria and such of those bidders shall be pre-qualified for this tender.

Sl.No	Criteria	Documentary Evidence	Vendor compliance/ remarks
1.	Manufacturer Authorization Form (MAF): The bidder should be an OEM or authorized distributor of an OEM. Wherever Authorized Distributors are submitting the bid, a MAF or Certificate with OEM details such as name, designation, address, e-mail ID, and Phone number is required to be furnished along with the bid.	<ul style="list-style-type: none"> ● Self-Certification in the case of a bidder is OEM. ● MAF from OEM in case the bidder is a dealer, distributor, or partner 	
2.	IMPORTED PRODUCTS: In the case of imported products, the OEM or Authorized Seller of the OEM should have a registered office in India to provide after-sales service support in India. A certificate to this effect should be submitted.	Certificate for authorized after sales service support in India	
3.	Performance Criteria: The Bidder shall provide a performance certificate from the end user of the same model quoted or should have supplied the item as per BHEL specification against an earlier Purchase order.	a. Performance certificate from end user to be provided b. PO copy along with Invoice and delivery challan OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	
4.	Test Report: Bidder shall provide Test certificate complying to the specification of the purchase order along with the supply of items	Test Reports OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	

5.	Bidders shall quote only those products in the bid that are not obsolete in the market and have at least 3 years' residual market life from the date of bid opening, i.e., the offered product shall not be declared end-of-life by the OEM before this period.	OEM declaration for the same	
6.	<p>Service and Support:</p> <p>The suppliers or their authorized service representative shall have trained engineers in India for providing and troubleshooting support for the offered model and shall be in a position to provide prompt after-sales services and spares support, if required.</p>	Declaration for the same to be provided.	



EDN, Bangalore

ILPB ASSY, RECT, RED WITH PROT
GUARD

EN7341799141

Rev. No. 00

Page 1 of 1

1. SCOPE: ILPB ASSY, RECT, RED WITH PROT GUARD
2. Purpose: MOUNTING ON DCS CONTROL PANELS
3. Technical detail:
ILLUMINATED PUSHBUTTON ASSEMBLY. MOMENTARY
SWITCHING ACTION. CONSISTING OF ACTUATOR,
RECTANGULAR TRANSLUCENT LENS RED COLOUR LED
HOLDER WITH 1NO+1NC CONTACT ELEMENT WITH
PROTECTION GUARD.
LED OF RED COLOUR.
COLOUR MOUNTING DEPTH: 42.5mm to 55mm.
TYPE NO FOR EAO MAKE:
901F.000-00+ 200-6000-00+ 200-5120-00+
10-2J12.1062+ 200-5007-00+ 260-0002-00.
TYPE NO. FOR WERNER MAKE: 41.26.12.21.24 + 40.02.13.12.
TYPE NO. FOR JOHNSON ELECTRIC MAKE: 501015000+561411000+590236000+
593566000+593033 or Equivalent
ITEM SHALL BE SUITABLE FOR CRIMPING LUGS. ITEM
SHALL BE SUPPLIED IN FULLY ASSEMBLED CONDITION.

Reviewed By:

Approved By:

Sreelakshmi B. (HCE)

Reetesh K. Amarwanshi (HCE)

Prepared by:

Date:

Pavan Mulani (HCE)

17.05.2023

Pre-Qualification Criteria for Illuminated Push Button Assembly

The bidders intending to participate shall meet the following criteria and such of those bidders shall be pre-qualified for this tender.

Sl.No	Criteria	Documentary Evidence	Vendor compliance/ remarks
1.	Manufacturer Authorization Form (MAF): The bidder should be an OEM or authorized distributor of an OEM. Wherever Authorized Distributors are submitting the bid, a MAF or Certificate with OEM details such as name, designation, address, e-mail ID, and Phone number is required to be furnished along with the bid.	<ul style="list-style-type: none"> ● Self-Certification in the case of a bidder is OEM. ● MAF from OEM in case the bidder is a dealer, distributor, or partner 	
2.	IMPORTED PRODUCTS: In the case of imported products, the OEM or Authorized Seller of the OEM should have a registered office in India to provide after-sales service support in India. A certificate to this effect should be submitted.	Certificate for authorized after sales service support in India	
3.	Performance Criteria: The Bidder shall provide a performance certificate from the end user of the same model quoted or should have supplied the item as per BHEL specification against an earlier Purchase order.	a. Performance certificate from end user to be provided b. PO copy along with Invoice and delivery challan OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	
4.	Test Report: Bidder shall provide Test certificate complying to the specification of the purchase order along with the supply of items	Test Reports OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	

5.	Bidders shall quote only those products in the bid that are not obsolete in the market and have at least 3 years' residual market life from the date of bid opening, i.e., the offered product shall not be declared end-of-life by the OEM before this period.	OEM declaration for the same	
6.	<p>Service and Support:</p> <p>The suppliers or their authorized service representative shall have trained engineers in India for providing and troubleshooting support for the offered model and shall be in a position to provide prompt after-sales services and spares support, if required.</p>	Declaration for the same to be provided.	



EDN, Bangalore

ILPB ASSY, SQUARE, GREEN, 1NO+1NC,
42.5-55mm

EN7341799153

Rev. No. 00

Page 1 of 1

1. SCOPE: ILPB ASSY,SQUARE,GREEN,1NO+1NC,42.5-55mm
2. Purpose: MOUNTING ON DCS CONTROL PANELS
3. Technical detail:
ILLUMINATED PUSH BUTTON ASSEMBLY. MOMENTARY
SWITCHING ACTION. CONSISTING OF ACTUATOR
SQUARE TRANSLUCENT LENS GREEN COLOUR LED
HOLDER WITH 1NO+1NC CONTACT.
LED OF GREEN COLOUR
MOUNTING DEPTH: 42.5MM TO 55MM
TYPE NO FOR EAO MAKE:
901F.000-00 200-4000-00+ 200-3140-00+
10-2J12.1065 (Old Part No:10-2312.1065)
260-0002-00.
TYPE NO. FOR WERNER MAKE: 41.25.15.21.024
TYPE NO. FOR JOHNSON ELECTRIC MAKE: 503015000+563211000+590238000+
593566000 or Equivalent
ITEM SHALL BE SUITABLE FOR CRIMPING LUGS. ITEM
SHALL BE SUPPLIED IN FULLY ASSEMBLED CONDITION.

Reviewed By:

Sreelakshmi B. (HCE)

Approved By:

Reetesh K. Amarwanshi (HCE)

Prepared by:

Pavan Mulani (HCE)

Date:

17.05.2023

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It must not be used directly or indirectly in anyway detrimental to the interest of the company.

Pre-Qualification Criteria for Illuminated Push Button Assembly

The bidders intending to participate shall meet the following criteria and such of those bidders shall be pre-qualified for this tender.

Sl.No	Criteria	Documentary Evidence	Vendor compliance/ remarks
1.	Manufacturer Authorization Form (MAF): The bidder should be an OEM or authorized distributor of an OEM. Wherever Authorized Distributors are submitting the bid, a MAF or Certificate with OEM details such as name, designation, address, e-mail ID, and Phone number is required to be furnished along with the bid.	<ul style="list-style-type: none"> ● Self-Certification in the case of a bidder is OEM. ● MAF from OEM in case the bidder is a dealer, distributor, or partner 	
2.	IMPORTED PRODUCTS: In the case of imported products, the OEM or Authorized Seller of the OEM should have a registered office in India to provide after-sales service support in India. A certificate to this effect should be submitted.	Certificate for authorized after sales service support in India	
3.	Performance Criteria: The Bidder shall provide a performance certificate from the end user of the same model quoted or should have supplied the item as per BHEL specification against an earlier Purchase order.	a. Performance certificate from end user to be provided b. PO copy along with Invoice and delivery challan OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	
4.	Test Report: Bidder shall provide Test certificate complying to the specification of the purchase order along with the supply of items	Test Reports OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	

5.	Bidders shall quote only those products in the bid that are not obsolete in the market and have at least 3 years' residual market life from the date of bid opening, i.e., the offered product shall not be declared end-of-life by the OEM before this period.	OEM declaration for the same	
6.	<p>Service and Support:</p> <p>The suppliers or their authorized service representative shall have trained engineers in India for providing and troubleshooting support for the offered model and shall be in a position to provide prompt after-sales services and spares support, if required.</p>	Declaration for the same to be provided.	



EDN, Bangalore

ILPB ASSY, RECT, WHITE, 1NO+1NC,
42.5-55mm

EN7341799177

Rev. No. 00

Page 1 of 1

1. SCOPE: ILPB ASSY, RECT, WHITE, 1NO+1NC, 42.5-55mm
2. Purpose: MOUNTING ON DCS CONTROL PANELS
3. Technical detail:
ILPB ASSY, RECT, WHITE, 1NO+1NC,
ILLUMINATED PUSH BUTTON ASSEMBLY. MOMENTARY
SWITCHING ACTION. CONSISTING OF ACTUATOR
RECTANGULAR TRANSLUCENT LENS WHITE COLOUR
LED HOLDER WITH 1NO+1NC CONTACT ELEMENT.
LED OF YELLOW COLOUR
MOUNTING DEPTH: 42.5MM TO 55MM.
TYPE NO FOR EAO MAKE: 901-.000-00+ (OLD)
901F.000-00+ (NEW) 200-6000-00+ 200-5160-00+
10-2312.1064+ (OLD) 10-2J12.1064+ (NEW)
260-0002-00.
TYPE NO. FOR WERNER MAKE: 41.26.14.21.24
TYPE NO. FOR JOHNSON ELECTRIC MAKE: 501015000+561011000+590238000+
593566000 or Equivalent
ITEM SHALL BE SUITABLE FOR CRIMPING LUGS.
ITEM SHALL BE SUPPLIED IN FULLY ASSEMBLED CONDITION.

Reviewed By:

Approved By:

Sreelakshmi B. (HCE)

Reetesh K. Amarwanshi (HCE)

Prepared by:

Date:

Pavan Mulani (HCE)

17.05.2023

Pre-Qualification Criteria for Illuminated Push Button Assembly

The bidders intending to participate shall meet the following criteria and such of those bidders shall be pre-qualified for this tender.

Sl.No	Criteria	Documentary Evidence	Vendor compliance/ remarks
1.	Manufacturer Authorization Form (MAF): The bidder should be an OEM or authorized distributor of an OEM. Wherever Authorized Distributors are submitting the bid, a MAF or Certificate with OEM details such as name, designation, address, e-mail ID, and Phone number is required to be furnished along with the bid.	<ul style="list-style-type: none"> ● Self-Certification in the case of a bidder is OEM. ● MAF from OEM in case the bidder is a dealer, distributor, or partner 	
2.	IMPORTED PRODUCTS: In the case of imported products, the OEM or Authorized Seller of the OEM should have a registered office in India to provide after-sales service support in India. A certificate to this effect should be submitted.	Certificate for authorized after sales service support in India	
3.	Performance Criteria: The Bidder shall provide a performance certificate from the end user of the same model quoted or should have supplied the item as per BHEL specification against an earlier Purchase order.	a. Performance certificate from end user to be provided b. PO copy along with Invoice and delivery challan OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	
4.	Test Report: Bidder shall provide Test certificate complying to the specification of the purchase order along with the supply of items	Test Reports OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	

5.	Bidders shall quote only those products in the bid that are not obsolete in the market and have at least 3 years' residual market life from the date of bid opening, i.e., the offered product shall not be declared end-of-life by the OEM before this period.	OEM declaration for the same	
6.	<p>Service and Support:</p> <p>The suppliers or their authorized service representative shall have trained engineers in India for providing and troubleshooting support for the offered model and shall be in a position to provide prompt after-sales services and spares support, if required.</p>	Declaration for the same to be provided.	



EDN, Bangalore

ILPB ASSY, SQUARE, WHITE, 1NO+1NC,
42.5-55mm

EN7341799189

Rev. No. 00

Page 1 of 1

1. SCOPE: ILPB ASSY,SQUARE,WHITE,1NO+1NC,42.5-55mm
2. Purpose: MOUNTING ON DCS CONTROL PANELS
3. Technical detail:
ILLUMINATED PUSH BUTTON ASSEMBLY. MOMENTARY
SWITCHING ACTION. CONSISTING OF ACTUATOR
SQUARE TRANSLUCENT LENS WHITE COLOUR LED
HOLDER WITH 1NO+1NC CONTACT ELEMENT.
LED OF YELLOW COLOUR.
MOUNTING DEPTH: 42.5MM TO 55MM.
TYPE NO FOR EAO: 901-.000-00+ 200-4000-00+
200-3160-00+ 10-2312.1064+ 260-0002-00 PB
TYPE NO. FOR WERNER MAKE: 41.25.14.21.024
TYPE NO. FOR JOHNSON ELECTRIC MAKE: 503015000+563011000+590238000+
593566000 or Equivalent
ITEM SHALL BE SUITABLE FOR CRIMPING LUGS. ITEM
SHALL BE SUPPLIED FULLY ASSEMBLED CONDITION.

Reviewed By:

Approved By:

Sreelakshmi B. (HCE)

Reetesh K. Amarwanshi (HCE)

Prepared by:

Date:

Pavan Mulani (HCE)

17.05.2023



EDN, Bangalore

INDICATOR ASSY, SQUARE, GREEN,
42.5-55mm

EN7341799239

Rev. No. 00

Page 1 of 1

1. SCOPE: INDICATOR ASSY, SQUARE, GREEN, 42.5-55mm
2. Purpose: MOUNTING ON DCS CONTROL PANELS
3. Technical detail:
INDICATOR ASSEMBLY CONSISTING OF ACTUATOR
SQUARE TRANSLUCENT GREEN COLOUR LENS LED HOLDER.
LED OF GREEN COLOUR.
MOUNTING DEPTH: 42.5mm to 55mm.
EAO TYPE NO: 990-.000-00+
200-4000-00+ 200-3140-00+ 10-2J12.1065+
260-0002-00.
TYPE NO. FOR WERNER MAKE: 41.15.05.21.24
TYPE NO. FOR JOHNSON ELECTRIC:
553015000+561211000+590238000 or Equivalent
ITEM SHALL BE SUITABLE FOR CRIMPING LUGS ITEM SHALL BE SUPPLIED FULLY
ASSEMBLED CONDITION. LOOSE PARTS WILL NOT BE ACCEPTABLE.

Reviewed By:

Sreelakshmi B. (HCE)

Approved By:

Reetesh K. Amarwanshi (HCE)

Prepared by:

Pavan Mulani (HCE)

Date:

17.05.2023



EDN, Bangalore

INDICATOR ASSY, SQUARE, RED, 42.5-
55mm

EN7341799241

Rev. No. 00

Page 1 of 1

1. SCOPE: INDICATOR ASSY, SQUARE, RED, 42.5-55mm
2. Purpose: MOUNTING ON DCS CONTROL PANELS
3. Technical detail:
INDICATOR ASSEMBLY CONSISTING OF ACTUATOR
SQUARE TRANSLUCENT RED COLOUR LENS LED HOLDER.
LED OF RED COLOUR.
MOUNTING DEPTH: 42.5mm to 55mm.
TYPE NO: 990-.000-00+
200-4000-00+ 200-3120-00+ 10-2J12.1062+
260-0002-00.
TYPE NO. FOR WERNER MAKE: 41.15.02.21.24
TYPE NO. FOR JOHNSON ELECTRIC: 553015000+561411000+590236000 or
Equivalent
ITEM SHALL BE SUITABLE FOR CRIMPING LUGS. ITEM SHALL BE SUPPLIED FULLY
ASSEMBLED CONDITION. LOOSE PARTS
WILL NOT BE ACCEPTABLE.
LOOSE PARTS WILL NOT BE ACCEPTABLE.

Reviewed By:

Sreelakshmi B. (HCE)

Approved By:

Reetesh K. Amarwanshi (HCE)

Prepared by:

Pavan Mulani (HCE)

Date:

17.05.2023



EDN, Bangalore

**INDICATOR
ASSY,CIRCULAR,YELLOW,42.5-55mm**

EN7341799265

Rev. No. 00

Page 1 of 1

1. SCOPE: INDICATOR ASSY,CIRCULAR,YELLOW,42.5-55mm
2. Purpose: MOUNTING ON DCS CONTROL PANELS
3. Technical detail:
INDICATOR ASSEMBLY CONSISTING OF ACTUATOR
CIRCULAR TRANSLUCENT LENS YELLOW COLOUR LED HOLDER
LED OF YELLOW COLOUR.
MOUNTING DEPTH: 42.5mm to 55mm.
EAO make TYPE NO: 990-.000-00+
200-2000-00+ 200-1170-00+ 10-2J12.1064+
260-0002-00.
TYPE NO. FOR WERNER MAKE: 41.14.04.21.24
TYPE NO. FOR JOHNSON ELECTRIC MAKE: 505008000 +565111000+590237000 or
Equivalent
ITEM SHALL BE SUITABLE FOR CRIMPING LUGS. ITEM SHALL BE SUPPLIED IN
FULLY ASSEMBLED CONDITION. LOOSE PARTS WILL NOT BE ACCEPTABLE

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Reviewed By:

Sreelakshmi B. (HCE)

Approved By:

Reetesh K. Amarwanshi (HCE)

Prepared by:

Pavan Mulani (HCE)

Date:

17.05.2023

Pre-Qualification Criteria for Illuminated Push Button Assembly

The bidders intending to participate shall meet the following criteria and such of those bidders shall be pre-qualified for this tender.

Sl.No	Criteria	Documentary Evidence	Vendor compliance/ remarks
1.	Manufacturer Authorization Form (MAF): The bidder should be an OEM or authorized distributor of an OEM. Wherever Authorized Distributors are submitting the bid, a MAF or Certificate with OEM details such as name, designation, address, e-mail ID, and Phone number is required to be furnished along with the bid.	<ul style="list-style-type: none"> ● Self-Certification in the case of a bidder is OEM. ● MAF from OEM in case the bidder is a dealer, distributor, or partner 	
2.	IMPORTED PRODUCTS: In the case of imported products, the OEM or Authorized Seller of the OEM should have a registered office in India to provide after-sales service support in India. A certificate to this effect should be submitted.	Certificate for authorized after sales service support in India	
3.	Performance Criteria: The Bidder shall provide a performance certificate from the end user of the same model quoted or should have supplied the item as per BHEL specification against an earlier Purchase order.	a. Performance certificate from end user to be provided b. PO copy along with Invoice and delivery challan OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	
4.	Test Report: Bidder shall provide Test certificate complying to the specification of the purchase order along with the supply of items	Test Reports OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	

5.	Bidders shall quote only those products in the bid that are not obsolete in the market and have at least 3 years' residual market life from the date of bid opening, i.e., the offered product shall not be declared end-of-life by the OEM before this period.	OEM declaration for the same	
6.	<p>Service and Support:</p> <p>The suppliers or their authorized service representative shall have trained engineers in India for providing and troubleshooting support for the offered model and shall be in a position to provide prompt after-sales services and spares support, if required.</p>	Declaration for the same to be provided.	



EDN, Bangalore

ILPB ASSY, RECT, GREEN, 1NO+1NC,
55mm

EN7341799277

Rev. No. 00

Page 1 of 1

1. SCOPE: ILPB ASSY, RECT, GREEN, 1NO+1NC, 55mm
2. Purpose: MOUNTING ON DCS CONTROL PANELS
3. Technical detail:
ILLUMINATED PUSHBUTTON ASSEMBLY (MOMENTARY SWITCHING ACTION) CONSISTING OF ACTUATOR
RECTANGULAR TRANSLUCENT LENS GREEN COLOUR
LED HOLDER WITH 1NO+1NC CONTACT ELEMENT.
LED OF GREEN COLOUR
MOUNTING DEPTH: 42.5mm to 55mm.
EAO MAKE TYPE NO: 901-.000-00+
200-6000-00+ 200-5140-00+ 10-2312.1065+
260-0005-00 260-0002-00.
TYPE NO. FOR WERNER MAKE: 41.26.15.21.024
TYPE NO. FOR JOHNSON ELECTRIC MAKE: 501015000+561211000+590238000+
593566000 or Equivalent
ITEM SHALL BE SUITABLE FOR CRIMPING LUGS. ITEM SHALL BE SUPPLIED FULLY
ASSEMBLED CONDITION. LOOSE PARTS WILL NOT BE ACCEPTABLE.

Reviewed By:

Sreelakshmi B. (HCE)

Approved By:

Reetesh K. Amarwanshi (HCE)

Prepared by:

Pavan Mulani (HCE)

Date:

17.05.2023

Pre-Qualification Criteria for Illuminated Push Button Assembly

The bidders intending to participate shall meet the following criteria and such of those bidders shall be pre-qualified for this tender.

Sl.No	Criteria	Documentary Evidence	Vendor compliance/ remarks
1.	Manufacturer Authorization Form (MAF): The bidder should be an OEM or authorized distributor of an OEM. Wherever Authorized Distributors are submitting the bid, a MAF or Certificate with OEM details such as name, designation, address, e-mail ID, and Phone number is required to be furnished along with the bid.	<ul style="list-style-type: none"> ● Self-Certification in the case of a bidder is OEM. ● MAF from OEM in case the bidder is a dealer, distributor, or partner 	
2.	IMPORTED PRODUCTS: In the case of imported products, the OEM or Authorized Seller of the OEM should have a registered office in India to provide after-sales service support in India. A certificate to this effect should be submitted.	Certificate for authorized after sales service support in India	
3.	Performance Criteria: The Bidder shall provide a performance certificate from the end user of the same model quoted or should have supplied the item as per BHEL specification against an earlier Purchase order.	a. Performance certificate from end user to be provided b. PO copy along with Invoice and delivery challan OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	
4.	Test Report: Bidder shall provide Test certificate complying to the specification of the purchase order along with the supply of items	Test Reports OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	

5.	Bidders shall quote only those products in the bid that are not obsolete in the market and have at least 3 years' residual market life from the date of bid opening, i.e., the offered product shall not be declared end-of-life by the OEM before this period.	OEM declaration for the same	
6.	<p>Service and Support:</p> <p>The suppliers or their authorized service representative shall have trained engineers in India for providing and troubleshooting support for the offered model and shall be in a position to provide prompt after-sales services and spares support, if required.</p>	Declaration for the same to be provided.	



EDN, Bangalore

Specification for Illuminated Push Button

HC0520252144

Rev. No. 00

Page 1 of 1

- **SCOPE:** Illuminated Push Button Assembly

- **TECHNICAL DETAIL**

Illuminated Push Button Assembly consisting of

- Momentary Switching action with Actuator
- Lens of Translucent square type
- Color of the Lens - Green
- CONTACT ELEMENT - 2NO +2NC
- Contact Material: Gold or Silver Plated
- Fixing Nut suitable for Panel thickness of 3 to 5 mm
- Make: EAO or equivalent
- LED holder with SINGLE/Multi CHIP LED
- Mounting Depth: 42.5mm to 55mm
- Front Protection: IP40/IP65

PB ASSEMBLY SHALL BE MADE SUITABLE FOR CRIMPING LUGS.

- WIRING DIAGRAM TO BE FURNISHED ALONG WITH OFFER
- Test certificate: Vendor to furnish test certificate
- Guarantee/ Warranty: 18 Month from the date of supply

Revision No.	Date	Prepared BY	
00	30.09.2023	Checked BY	
		Approved BY	

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Pre-Qualification Criteria for Illuminated Push Button Assembly

The bidders intending to participate shall meet the following criteria and such of those bidders shall be pre-qualified for this tender.

Sl.No	Criteria	Documentary Evidence	Vendor compliance/ remarks
1.	Manufacturer Authorization Form (MAF): The bidder should be an OEM or authorized distributor of an OEM. Wherever Authorized Distributors are submitting the bid, a MAF or Certificate with OEM details such as name, designation, address, e-mail ID, and Phone number is required to be furnished along with the bid.	<ul style="list-style-type: none"> ● Self-Certification in the case of a bidder is OEM. ● MAF from OEM in case the bidder is a dealer, distributor, or partner 	
2.	IMPORTED PRODUCTS: In the case of imported products, the OEM or Authorized Seller of the OEM should have a registered office in India to provide after-sales service support in India. A certificate to this effect should be submitted.	Certificate for authorized after sales service support in India	
3.	Performance Criteria: The Bidder shall provide a performance certificate from the end user of the same model quoted or should have supplied the item as per BHEL specification against an earlier Purchase order.	a. Performance certificate from end user to be provided b. PO copy along with Invoice and delivery challan OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	
4.	Test Report: Bidder shall provide Test certificate complying to the specification of the purchase order along with the supply of items	Test Reports OR Purchase order copies along with invoices and delivery challans of similar item supplied to BHEL against earlier purchase order.	

5.	Bidders shall quote only those products in the bid that are not obsolete in the market and have at least 3 years' residual market life from the date of bid opening, i.e., the offered product shall not be declared end-of-life by the OEM before this period.	OEM declaration for the same	
6.	<p>Service and Support:</p> <p>The suppliers or their authorized service representative shall have trained engineers in India for providing and troubleshooting support for the offered model and shall be in a position to provide prompt after-sales services and spares support, if required.</p>	Declaration for the same to be provided.	



EDN, Bangalore

Specification for Illuminated Push Button

HC0520252152

Rev. No. 00

Page 1 of 1

- **SCOPE:** Illuminated Push Button Assembly


- **TECHNICAL DETAIL**

Illuminated Push Button Assembly consisting of

- Momentary Switching action with Actuator
- Lens of Translucent square type
- Color of the Lens - Red
- CONTACT ELEMENT - 2NO +2NC
- Contact Material: Gold or Silver Plated
- Fixing Nut suitable for Panel thickness of 3 to 5 mm
- Make: EAO or equivalent
- LED holder with SINGLE or Multi CHIP LED
- Mounting Depth: 42.5mm to 55mm
- Front Protection: IP40/IP65

PB ASSEMBLY SHALL BE MADE SUITABLE FOR CRIMPING LUGS.

- WIRING DIAGRAM TO BE FURNISHED ALONG WITH OFFER
- Test certificate: Vendor to furnish test certificate
- Guarantee/ Warranty: 18 Month from the date of supply











Revision No.	Date	Prepared BY	SREELAKSHMI B
00	30.09.2023	Checked BY	SREELAKSHMI B
		Approved BY	REETESH KUMAR A 

Pre-Qualification Criteria for SMPS

The bidders intending to participate shall meet the following criteria and such of those bidders shall be pre-qualified for this tender.

Sl.No	Criteria	Documentary Evidence	Vendor compliance/ remarks
1.	Manufacturer Authorization Form (MAF): The bidder should be an OEM or authorized distributor of an OEM. Wherever Authorized Distributors are submitting the bid, a MAF or Certificate with OEM details such as name, designation, address, e-mail ID, and Phone number is required to be furnished along with the bid.	<ul style="list-style-type: none"> ● Self-Certification in the case of a bidder is OEM. ● MAF from OEM in case the bidder is a dealer, distributor, or partner 	
2.	IMPORTED PRODUCTS: In the case of imported products, the OEM or Authorized Seller of the OEM should have a registered office in India to provide after-sales service support in India. A certificate to this effect should be submitted.	Certificate for authorized after sales service support in India	
3.	Performance Criteria: The Bidder shall provide a performance certificate from the end user of the same model quoted or should have supplied the item as per BHEL specification against an earlier Purchase order.	a. Performance certificate from end user to be provided b. PO copy along with Invoice and delivery challan OR Purchase order copies along with invoices and delivery challans of similar SMPS Module supplied to BHEL against earlier purchase order.	
4.	Test Report: The bidder or OEM must possess the following Valid Certificates or Test Reports on the date of bid opening (to be uploaded with the bid): 1.ESD Immunity: EN61000-4-2, level 3 perf criteria B 2.EFT/Burst: EN61000-4-4, level 3 perf criteria A	Test Reports and valid Test Certificates OR Purchase order copies along with invoices and delivery challans of similar SMPS module supplied to BHEL against earlier purchase order.	

	<p>3.Surge: EN61000-4-5, Level 3 perf criteria B</p> <p>4. Radiated immunity: EN61000-4-3, level 3 perf criteria A</p>		
5.	<p>Bidders shall quote only those products in the bid that are not obsolete in the market and have at least 3 years' residual market life from the date of bid opening, i.e., the offered product shall not be declared end-of-life by the OEM before this period.</p>	OEM declaration for the same	
6.	<p>Service and Support:</p> <p>The suppliers or their authorized service representative shall have trained engineers in India for providing and troubleshooting support for the offered model and shall be in a position to provide prompt after-sales services and spares support, if required.</p>	Declaration for the same to be provided.	

		 EDN, Bangalore	SWITCHED MODE POWER SUPPLY UNIT	HC0521325250 Rev. No. 00 Page 1 of 1			
COPYRIGHT AND CONFIDENTIAL The information on this document is the property of Bharat Heavy Electricals Limited. It must not be used directly or indirectly in anyway detrimental to the interest of the company.		<ol style="list-style-type: none"> SCOPE: SWITCHED MODE POWER SUPPLY UNIT Purpose: INSIDE DCS CONTROL PANELS FOR SYSTEM/FIELD Technical detail: <ol style="list-style-type: none"> NORMAL INPUT= 220VDC / 230VAC, 1PH, 50HZ. RANGE OF INPUT: 176V TO 253VDC /173VAC TO 264VAC OUTPUT: 24VDC, 20A. 2 NOS. OF SMPS WILL BE USED IN PARALLEL FOR REDUNDANCY PURPOSE. LOAD SHARING SHALL BE > 85%. DIODE ORING UNIT SHALL BE SUPPLIED AGAINST SEPARATE ITEM OF THE INDENT/RFQ OR SHALL BE IN-BUILT INSIDE SMPS WHICH SHALL BE BROUGHT OUT CLEARLY IN THE OFFER. SUITABLE FOR PLATE/DIN RAIL MOUNTING. ENCLOSURE: VENTILATED WITH RESTRICTED AIRFLOW. OPERATING TEMP= 0 to 55 DEG C. LED INDICATION REQUIRED FOR STATUS OF SMPS. MINIMUM O/P SETTING RANGE: 23 TO 28VDC. OUTPUT RIPPLE <=100mV, EFFICIENCY=>85%. ONE NO OF POTENTIAL FREE CONTACT FOR LOSS OF 24VDC POWER SUPPLY. AUTO RECOVERY FEATURE REQUIRED. LINE AND LOAD REGULATION: =/-1% OR BETTER. CE/UL APPROVAL SHALL BE CONFIRMED. ITEM SHALL BE EMI/EMC COMPLIANT. HV TEST: INPUT/OUTPUT: 2kV FOR 1MIN. INPUT/EARTH: 2kV FOR 1MIN. OUTPUT/EARTH: 0.5kV FOR 1MIN OVERLOAD AND SHORT CIRCUIT PROTECTION REQUIRED. CATALOGUE REQUIRED. Guarantee/ Warranty: 18 Month from the date of supply 					
		<table border="1"> <tr> <td data-bbox="193 1653 571 1877"> Reviewed By:  Sreelakshmi B. (HCE) </td> <td data-bbox="571 1653 1444 1877"> Approved By:  Reetesh K. Amarwanshi (HCE) </td> </tr> <tr> <td data-bbox="193 1877 571 2094"> Prepared by:  Pavan Mulani (HCE) </td> <td data-bbox="571 1877 1444 2094"> Date: 07.02.2023 </td> </tr> </table>			Reviewed By:  Sreelakshmi B. (HCE)	Approved By:  Reetesh K. Amarwanshi (HCE)	Prepared by:  Pavan Mulani (HCE)
Reviewed By:  Sreelakshmi B. (HCE)	Approved By:  Reetesh K. Amarwanshi (HCE)						
Prepared by:  Pavan Mulani (HCE)	Date: 07.02.2023						