# सिलीचोङ गाउँपालिका
## SILICHONG RURAL MUNICIPALITY
### गाउँ कार्यपालिकाको कार्यालय
### OFFICE OF THE RURAL MUNICIPAL EXECUTIVE
### ताम्कु, संखुवासभा
### TAMKU, SANKHUWASABHA
कोशी प्रदेश, नेपाल
KOSHI PROVINCE, NEPAL

पं.सं.: ०८२/८३
च.नं.: ५९१

मिति :२०८२।०९।१४

श्री फर्म/कम्पनी/सप्लायर्स
सबै ।

**बिषय : दररेट उपलब्ध गराई दिने सम्बन्धमा ।**

प्रस्तुत बिषयमा बेली ब्रीज निर्माणसँग सम्बन्धित यसै पत्र साथ Specification बमोजिमका समाग्रीहरुको दररेट सात दिन भित्र उपलब्ध गराईदिन हुन अनुरोध छ ।

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दिपेन्द्र कुमार राई
नि.प्रमुख प्रशासकीय अधिकृत

निमित्त प्रमुख प्रशासकीय अधिकृत

| S.No | Name of Goods Or Related Services | Particulars | Requirements (Technical Description, Specifications, and Standards) | Reference Page No./ Catalogue Page No. | The Bidder shall state as Fully Compliant/Partially Compliant/ Non-Compliant | Remarks |
|---|---|---|---|---|---|---|
| 1 | Bailey Bridge | Supply, Delivery and Launching of Bailey Bridge including equipment (Including all required parts and equipment for launching and de-launching) & required accessories as per technical specification with insurance fee, load, unload, transportation from manufacturing factory to the final destination in Nepal with all duties and taxes, levied by manufacturing country, transit country and Nepal including Customs and other Duties and also including launching of bridges as directed by Engineer.<br><br>Length: 35.528 m | Length: 35.528 m | | | |
| | | | Width: 3.15 m | | | |
| | | | Loading Capacity: 25 Ton | | | |
| | | | Triple Row, Single Layer, Lower Reinforced | | | |
| | | | Theoretical weight 57.3 Ton | | | |
| | | | Requirements of Panel:<br>a) The Distance of Horizontal Holes of Top and Bottom Chord of Panel (Male End-Female End) should be 3048 ± 0.8 mm) | | | |
| | | | b) The Height of Top and Bottom Chord should be 2134 ± 0.6 mm | | | |
| | | | c) The Diagonal Size of Panel Should be 3721 ± 0.6 mm | | | |
| | | | Requirements of Floor Beams:<br>a) The transoms must be made from hot rolled broad flanged sections of medium and high yield strength micro alloy steel. | | | |
| | | | b) Vertical cross-bracing shall be incorporated between floor beams in every other bay. This bracing shall be at each end of the floor beams and prevent horizontal loads from being transferred from the floor beam into the truss members. | | | |
| | | | Requirements of Orthotropic Steel Decks:<br>a) The transom and deck must be securely fastened together using HT bolts. Deck units must be made of hot-rolled, medium- and high-yield micro alloy steel with antiskid chequered plate, and the backs must be strengthened with tensile steel channels. | | | |
| | | | b) Steel orthotropic units must make up the deck system. | | | |
| | | | Materials Should satisfy or exceed the following | | | |
| | | | a) Trusses/Panels (comprise of chords, diagonals and verticals, rockers, transom and Reinforcing Chords etc): Confirmed to IS 2062: 2011(Fe 540 B, Fe 410 WA, Fe410 WB) or equivalent to either AASHTO M270 (Grade 65, Gd) or Q355B | | | |

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| | | | b) Deck, Stringers, Floor beams, Truss Braces, Sway braces, Raker Braces, Verticals and diagonals in heavy truss units: Confirmed to IS 2062: 2011(Fe 540 B, Fe 410 WA, Fe410 WB) or equivalent to either AASHTO M270 (Grade 50) or Q355B | | | |
| | | | c) All other parts: confirmed to IS 2062: 2011(Fe 540 B, Fe 410 WA, Fe410 WB) or equivalent to either AASHTO M270 (Grade 50) or Q355B | | | |
| | | | d) Panel Connecting Pins: Panel pins shall be manufactured from special quality of Chrome Molybdenum steel duty heat - treated to give minimum yield strength of | | | |
| | | | 78.8 Kg/ sq. mm and izod value of 5.5 kg M (min) having hardness range between 280 and 340 BHN (Max) or shall confirm to ASTM A193Gd B7 and AASHTO M 164M-<br>A325 respectively. Pins shall be coated appropriately to protect from weathering and not result in material embrittlement. | | | |
| | | | e) Bolts – AASHTO M164 (ASTM A325) or equivalent. | | | |
| | | | f) Bearing: Appropriate type as per reactions (Horizontal, Vertical & Moments) at End Supports. | | | |

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