



BHARAT HEAVY ELECTRICALS LIMITED
TIRUCHIRAPPALLI
OUTSOURCING
TECHNO COMMERCIAL BID – 2023OSB0020

SECTION IX
ILLUSTRATION FOR TIE BREAKING

Steps which shall be followed for tie-breaking for ranks other than L1 is given below:

1. Before Counter Offering(CO), if there is tie for ranking position other than L1, then Lot shall be done to break the tie. Random number function of MS Excel shall be used to break the tie and arrive at distinct ranking for all those sub-contractors who are eligible for counter offering.
2. Rate Schedule wise excel sheet in which all the ranks including tied ranks other than L1 shall be opened.
3. Random number shall be generated against each entry in the excel sheet. Once random number is generated, the values will be frozen against each entry.
4. The rank order shall be sorted in the following manner.
Sorting -> 1. RS -> 2. Actual rank -> 3. Random number wise (from lowest to highest).
5. Once sorting is done, each vendor shall be ranked as per the sorting order.

Illustration:

Step-1: Original Rank before CO:

RS No.	Vendor code	ORIGINAL Rank before CO
16707	A	L01
16707	B	L02
16707	C	L03
16707	D	L03
16707	E	L04
16707	F	L05
16707	G	L05
16707	H	L06

Step-2: After random number generation in MS Excel:

RS No.	Vendor code	ORIGINAL Rank before CO	Random Number
16707	A	L01	0.639156
16707	B	L02	0.931402
16707	C	L03	0.560449
16707	D	L03	0.507298
16707	E	L04	0.621819
16707	F	L05	0.620683
16707	G	L05	0.504936
16707	H	L06	0.793407

Step-3: Final sorting based on original rank and random number for arriving at final ranking:

RS No.	Vendor code	ORIGINAL Rank before CO	Random Number	Final Rank after tie breaking
16707	A	L01	0.639156	L01
16707	B	L02	0.931402	L02
16707	D	L03	0.507298	L03
16707	C	L03	0.560449	L04
16707	E	L04	0.621819	L05
16707	G	L05	0.504936	L06
16707	F	L05	0.620683	L07
16707	H	L06	0.793407	L08

Final revised ranking shall be worked out based on the result of tie-breaking. Final revised ranking after consolidation shall be intimated to vendors.