

BOM for bypassing of both circuits of the 400 kV Kishenpur–Samba D/C line (twin) and the 400 kV Samba–Jalandhar D/C line (twin) at Samba substation end.						
S.No.	Service code	Item description	SAC	Tax rate	Unit	Quantity
1	100001243	Check survey	998344	18%	KM	0.500
2	100001242	Detailed survey including route alignment, profiling and tower spotting	998344	18%	KM	0.500
3	100001255	Excavation : Dry Soil	995433	18%	M3	379.000
4	100001260	Concreting (including all associated works related to foundation not covered in excavation and reinforcemt steel works : concreting(1:1.5:3)	995454	18%	M3	54.585
5	100001261	Concreting (including all associated works related to foundation not covered in excavation and reinforcemt steel works : LeanConcrete (1:3:6)	995454	18%	M3	5.660
6	100001262	Reinforcement Steel : Supply and placement	995454	18%	MT	6.000
7	100001263	Installation of stub including bolts and nuts : For Normal Towers	995455	18%	MT	1.156
8	100001248	Erection of various types of towers, tower extensions (complete), bolts & nuts, hangers, d-shackles, step bolts, pack washers etc.including tack welding & supply & application of zinc rich paint : Normal towers	995455	18%	MT	25.981
9	100001275	Supply and installation of Number plate	995444	18%	No.	1.000
10	100001276	Supply and installation of Phase plate (Set of three)	995444	18%	SET	2.000
11	100001278	Supply and installation of Circuit plate (Set of two)	995444	18%	SET	1.000
12	100001274	Supply and installation of Danger plate	995444	18%	No.	1.000
13	100001277	Supply and installation of Anti climbing device	995444	18%	No.	1.000
14	100001269	Supply and installation of earthing of towers: Pipe type	995468	18%	No.	1.000
15	100004928	Supply and installation of earthing of towers: Rod type	998731	18%	No.	1.000
16	100002202	Supply and installation of Shieldwire Earthing incl. PG Clamps, Downlead clamps but excl. Earthwire bits i.e. shield wire earthing (pipe type/counterpoise type)shall be as additional to items i.e. earthing of towers: Pipe Type	995468	18%	No.	1.000
17	100044592	Installation of Insulator strings complete with arcing horns and necessary hardware, Installing and stringing of conductor including fixing of conductor accessories, Installing and stringing of earthwire in one peak including fixing of earthwire accessories for 400kV double circuit towers with twin bundle conductor. This item shall include supply of required no. of Compression dead-end tension clamps alongwith jumper cones suitable for ACSR MOOSE Double tension fitting.	995469	18%	KM	0.500
16	100001308	Destringing of existing 400kV D/C line including earthwire & OPGW and transportation to store	995468	18%	KM	1.100
17	100005605	Dismantling of existing 400 kV tower including transportation and stacking of dismantled material at specified location	995455	18%	MT	314.000
18	100007352	Dismantling of tower raised chimney foundation above ground level	995429	18%	LS	2.000
19	170000265	Installation of Joint box above ground (Including Splicing & Testing) : 24 fibres	998716	18%	EA	2.000
20	170000498	Installation of 24Fibre (DWSSM) OPGW Cable alongwith associated Hardware fittings & vibration dampers in Off-line condition	998336	18%	KM	2.000